

# SEQUENCE LISTING

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<120> Human Genes and Gene Expression Products  
 XVI

<130> 2300-1625CON

<140> unassigned

<141> 2003-06-26

<150> 60/192,583

<151> 2000-03-28

<150> 09/819,150

<151> 2001-03-27

<160> 324

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<213> Homo sapiens

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ccttcctttt actatgtctc acctccttta ggagagaact tccttaagta agtgctaaac	120
atacatatac ggaacttgaa agctttgggtt agccttgctt taggtaatca gactagttta	180
cactgtttcc agggagtagt tgaattacta taag	214

<210> 2

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(353)

<223> n = A,T,C or G

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<400> 2
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caagcccctg atacattctc tannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnaaagtgga aacttgggat ttgaacaagg ttttggttg 180
gcatcttttc ctatgggagc tcagaaatat ctgttgtcta gccctttctc agcctcccaa 240
ccttctcggt tccttaccta tgtcacagct gactttgagc taaagtcac tcggggcagc 300
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<210> 3
<211> 399
<212> DNA
<213> Homo sapiens

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<400> 3
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tcataatggga aatgctgctg ctatactttt aggaatttct gagtgaatt tagaaacatc 120
tagcacactt gaaacactgc gtatcatttt cctcactcat gaatatagtc atcagaattc 180
ataaatagtt tacctgagcc ctttaacaac ctcaaataag ccatatttct ctctctggtt 240
gatggcatgg accctacagg aaaaaccaca ccttaccgct tctgaccagc atcactacaa 300
aaaggagtgc tgaagccaat caccatgtaa gcaagataaa agcaaagggg gtcttgctgc 360
cccatctctg ttccatacat tcttaccagg cactgagag 399

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<210> 4
<211> 389
<212> DNA
<213> Homo sapiens

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<220>
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<222> (1)...(389)
<223> n = A,T,C or G

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<400> 4
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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nngagtagag gatgcctggt atgaggcaat 300
atttgggata gggaaggga gcttgggatt ttagctacgt agagacactt gaaaattgga 360
gggaggaaag gagtgggtgg ctttgagagn 389

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<210> 5
<211> 279
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(279)
<223> n = A,T,C or G

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<400> 5
cctctcccct tggaacccaa agaggaacgg ggccgaactt tataaacttt aggcaagggc 60
aaagggcgtg nnnnnnnnnn nnggggccaa ggggcatttc ccaagcgatt aaaatttggg 120
aacctttggt tacaaaaatt gcggggaaaa tttatttcgg gagcaatttt ccctttaaaa 180
atttgagaat tcttaccggg agagtgtgac ataatttaag gcgcctctgc ccaaagagggc 240
catgtgcgtg aggggaatac cgcgtttaat tatcacaaa 279

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<210> 6
<211> 388

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<212> DNA  
<213> Homo sapiens

<400> 6  
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ggcccagggc catggaggga cccttaggag ttcaatgaga gagaccatga ggccactggg 120  
ctttcccctt cccaggcctc ctgggtgcca cccccttacg ttattcttgg gcctctaata 180  
agtgtccac aggtgcctgg ccaggccac ctgctgcaga tgtggtctgt gtgtgtgcat 240  
gtgtgggtgt gtgtgggcac aggtgtgagt gtgtgagcaa cagtaccca ttccagtcgt 300  
ttcctgctgt gactaagtca gcaacacagt tcctctgaca tgggccttgg ctgtgcttct 360  
ttgggggtga agagattgcg gaggaagt 388

<210> 7  
<211> 410  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(410)  
<223> n = A,T,C or G

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ggcacgaggg gaagtcgcgc atgcgcgagt gtacgcgttg ccggcgaaga ggggagcctg 60  
acgactcgga aatttgaata ccacagtagc atggagtgtg acctcatgga gactgacatc 120  
ttggagtcgt tggaagatct aggttacaag ggccattgt tggaagatgg agcgctctct 180  
caggcagtc ctgctggagc cagttcccc gagtttacca aactctgtgc ttggctggtg 240  
tctgaattaa gagtgctctg taaactagag gaaaacgtgc aagcaactaa cagtccgagt 300  
gaagctgaag aattccagct tgaggtgagt gggctactag gggagatgaa ctgcccgtat 360  
ctttcactga catctgnnga tgtgaccaag cgccttctca ttcagaaaaa 410

<210> 8  
<211> 229  
<212> DNA  
<213> Homo sapiens

<400> 8  
ctaacaaaaa aactaaaaa aaaataaaa aaattaattg aaactgacct aactcgtggc 60  
agggggaact cggctataag accacaaaac cctgctgact cataacaaac tgagttgtaa 120  
gacattcatc gccgcgatat ccttgagtaa agaatgaact ctggaagccc acccacggac 180  
aatgcacctt cacaagatt ctgcactaat ctgagtgaa gtcctttggt 229

<210> 9  
<211> 380  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(380)  
<223> n = A,T,C or G

<400> 9  
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agattaaatt tctacaggtg tggagagtcg gcttgactac actgtgtgga gcaagtttta 120  
aagaagcaaa ggtatagcag ttccaagtan nnnnnnnnnn nnnnnagacc aaactctaga 180  
tcttgcccaa aatggacggc cgcggcattt aaatgaagaa agatttattt ttcttttttt 240  
cttttaagaa aaattttttt aaaaaatttt gattnnnnnn nnnnnnnnnn nnnnnnnnnn 300  
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360  
nnnnnnnnnn nnnnnnnnnn 380

<210> 10  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(317)  
 <223> n = A,T,C or G

<400> 10  
 cacacacaca catccactct ctcttttttgc tctctttctca cacacacata tctcccttac 60  
 tcacacacac tctctcacac acccctctt tcttttcccc cgcactttct ttctctcagc 120  
 cgcgcgcgca ctcaactctct tttttcttct ctctctcact ctctctctcc gcgcgctctc 180  
 tcacacgctt tatatctctc tctctgaggg acttctctct cctctcactc ttattttttt 240  
 gttgtgtttt atagcgtctc tctcttccct nnnnnnnnnn ntctatatat acagagagag 300  
 atctctctgc tctctcc 317

<210> 11  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 11  
 ggcacgagag aattagctga aaccaccaa gagctgcata gagcacgttt agctagagta 60  
 ggagtttgca gtgctcatat gggaaatgct gctgctatac ttttaggaat ttctgagtg 120  
 aatttagaaa catctagcac acttgaaaca ctgcgtatca ttttctcac tcatgaatat 180  
 agtcatcaga attcataaat agtttacctg agccctttaa caacctcaaa taggccatat 240  
 ttctctctct ggttgatggc atggacccta caggaaaaac cacaccttac cgcttctgac 300  
 cagcatcact acaaaaagga gtgctgaagc caatcaccat gtaagcaaga taaaagcaaa 360  
 gggggtcttg cctgcccctc tctgttccat a 391

<210> 12  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 12  
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 tctctctcta gagtcacggt ctctacacg gcgcgcacat gcgaggggca ctnnnnnnnn 120  
 nnngetcnnn nnnnnnnnnn nnnnnnnnnn cgnnnnnnnn nnnnnntcc cttgtatact 180  
 ctctgtgtgc gcggggacan nnnnnnnnnn nngtgcgcg gcgagagcgc gcgcccaca 240  
 caagagagag cgcgccctnn nnnnnnnnnn naccgcgaac 280

<210> 13  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 13  
 cgcttttttg ggaacccaaa cctttttttg ctggccggaa aaaatttcca cggaagggt 60  
 aaaggggttt attaatTTTT ttggcaaaac aggggttaag aaaccttccc tcccggccta 120  
 aggggtgggt aggttttggg aaggctaaaa gggggaaatt tctggccctt gttccaagg 180  
 aaacatgggc tagggggaaa cccacccctt tcagggccct ttaaaagggc ccccaaaaaa 240

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agaacccctt tattaagggt taaaaaagggt taaaaaagggt gggaacctca tgggccaagg 300
caaatttttg t 311 -

<210> 14
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

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gggtctataa ggggtaggct cnnnnnnnnn nnnccattt ggaaagggcg ttttgccaac 120
ccaagggctt ttttaagccg atttttnnnn nnnnnnccgg acttggtaat tggcttttgg 180
ctttttaaaag cccaaaaaat aataattaag gggcccaaaa taaggaaggg caaaaaaagc 240
ctttactccc cctgcctttc aaaaagaaaa ggaaaaaccg gccccccctt aataattggc 300
accctaataa aaaggggttt taaaaaaagc caaaaacaaa agggcctgga aaaaaatttt 360
gacttttttt aacccggaac ctgggaa 387

<210> 15
<211> 273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 15
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tacagacagg ggggggtgtt ctctctccct ctcgagaggg accgcttttt ttttctcccc 120
ctctctcaca ctcggggtgt gcgcgtccc tttgggggct tttctatagg gcgcgtctta 180
aagaaagccc gcctttctcc tctgggtgcc tcctcccaca cccgggtttt ctcccccgct 240
gtttttgaag aaactcctcc tggctcctt atn 283

<210> 16
<211> 283
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

<400> 16
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cttttttttt ctctctcccc tcgctctctc tgtgtgtctc tatctcgtgt ctctctctgc 120
gtgtccctca cacacactcg cgcgagagat ctctctctat atctctcctt tgtctgtgtc 180
tctctctcgc gcgccacac atctatatat ttttgcgcgc acacgcgaga gtgtgtccct 240
ctctctctct gcacnnnnnn nnnnnnnnnn cacaccctcc ccc 283

<210> 17
<211> 392
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 17
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tctgacactc catcataaag ctaattgttt aagtatgata cagtggcaca gtttattcct      120
acttcataac ttttatctca ctatgttgta agatattagg tatgtttctt ctactaccag      180
taattttcaa agagttaagg aagaaggata gaagacagca gtatagggtga atgtgtgcat      240
gtgttnnnnn nnnnnnnngc catattggcc aaaatttttg gactggctgg taaaacaaag      300
gcttttcaaa ttttcaaata cctttaaaaa aaacctggaa attgttttgt nnnnnnnnnn      360
cgcccaaaaa aaaattttgg gcctgggggg ga                                392

<210> 18
<211> 385
<212> DNA
<213> Homo sapiens

<400> 18
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ggcccaggggc catggaggga cccttaggag ttcaatgaga gagaccatga ggccactggg      120
ctttccctctt cccaggcctc ctgggtgcca ccccttaccg ttattcttgg gcctctaata      180
agtgtcccac aggtgcctgg ccaggcccac ctgctgcaga tgtggtctgt gtgtgtgcat      240
gtgtgggtgt gtgtgggcac aggcgtgagt gtgtgagcaa cagtaccca ttccagtcgt      300
ttcctgctgt gactaagtca gcaacacagt tcctctgaca tgggccttgg ctgtgcttct      360
ttgggggtga agagattgct gaggc                                385

<210> 19
<211> 383
<212> DNA
<213> Homo sapiens

<400> 19
gaaggcttgc ggagagaaaa ccctggagcc atcttcatag gaagaggaaa ggaaactgta      60
tgacaggaga atgaatcaag tttggggctc aagggtgccg ccactgggaa aaacagctgc      120
cccgagttgc aaaactctgg gtcctatatg tataaactat gccctgagga aggaatctca      180
ggcgtatctt aggagaaaat gttctagctt gggaaacaaa cacaacagga ccgtgaatcc      240
aaatatcca agtgggttta gaggactgga gttctaaacg ctgcttttac tgtaagtgat      300
cacgccccga aatgtgctga agaaaggaaa atgagccagt atcggcgagg actatgggca      360
agggaaacga gagtgtgcga tgt                                383

<210> 20
<211> 313
<212> DNA
<213> Homo sapiens

<400> 20
ctctcccccg cgctcttgag atatgcgcgc cccttttttc ttctacacgg gggggggcgc      60
gcctcttttt ctgcgcgcgc cccctctctc tcttttgtgc gcacgcgcgc gcgcgggggg      120
gttctttttt tgtgcggaga gagagtctgt ctacggggtt tttttgtttt ctttcacgac      180
acacactttc tcccctgtgc atgtgttttg atgctctctc gagatatgtc tctctctctc      240
tgtgtgtgtg tgtgtgtgcg cccccctggg gagagcgctc ttctctctct cctcatatag      300
cgcgcgcgcg cga                                313

<210> 21
<211> 396
<212> DNA
<213> Homo sapiens

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<400> 21
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cacctggcta gcacagagca ggctcacttg tcttggtccc actaccaga ttcctgcaga      120
cattgcaaac caaatgaagg ttgttgaatg acccctgtcc ccagccactt gttttgttat      180
catctgctct gcagtggaat gcctgtgtgt ttgagttcac tctgcatctg tatatttgag      240
tatagaaacc gagtcaagtg atcatgtgca tccagacaca ctgtgtcacc tgagccacag      300
agcaaatac cttaacgata tggaatgaaa ctgtgaccag tgccgccctg ggtggttctg      360
gagagactgc cgtcttcttg tttggccata ggtgcg      396

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<210> 22
<211> 310
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(310)
<223> n = A,T,C or G

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<400> 22
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gcgcgggctt tttctctctc tcagaggggt gaaacacaca atatctcggg gggccggggg      120
agagcccgtc ctctctgcct gtaaaacaca cagaagtgcg ctcacgccct gcgcgggagc      180
ccacagactt ttttttaaaa caaaaagtat attgggggtg gttttaatct ccctctccgc      240
tcctagaggg ggggcgnnnn nnnnnnnnnn ntttttaaat agggggggccc gagtctcacc      300
caatagaagg      310

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<210> 23
<211> 375
<212> DNA
<213> Homo sapiens

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<400> 23
ggcacgagcc ggccaagagg ggagcctgac gactcggaaa tttgaatacc acagtagcat      60
ggagtgtgac ctcatggaga ctgacatctt ggagtcggtg gaagatctag gttacaaggg      120
cccattgttg gaagatggag cgctctctca ggcagtctct gctggagcca gttccccga      180
gtttaccaa ctctgtgctt ggctggtgtc tgaattaaga gtgctctgta aactagagga      240
aaacgtgcaa gcaactaaca gtccgagtga agctgaagaa ttccagcttg aggtgagtgg      300
gctactaggg gagatgaact gcccgtatct ttcactgaca tctggggatg tgaccaagcg      360
ccttctcatt cagaa      375

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<210> 24
<211> 477
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

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```

<400> 24
gtccttctt cttnttggtg atcccatcga tccgaattcg gcacgagagc acctctgtgc      60
ctctctgaga gcactcacag ccaaaagtac acagctgccc ccaggctgag agtgcttgat      120
acacccttga atccctctt atatgatgcc ccagcccagg agagataaaa gcatcagcac      180
catgagattc acctgcctct ggtcgtnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnact cttagacagc aaaaatgctt      360
tctcccagtc ttgttcctt gttctcagtt cccaccctgc ctggataact actgttcttg      420

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gtttnnnnnnn nnnnnnnnnn nnnnnnnnag tctcgtacca gattcataaa tcagccg      477

<210> 25
<211> 265
<212> DNA
<213> Homo sapiens

<400> 25
cgcgcggggg ggaccctct ctctctctct gttgcgcgcg ctctctcacc ccgtgtgtcg      60
ccccgatat tgtcagagag accccctatt tttttctccc gcccacaca catctatgtg      120
taaaatgtgc gtgtctgtcg cgcacaccca cacactctcc ccgggggggt tataaaatac      180
tcgcgcgcta tattttcgcc cccctttttg tgtgtgggcg ccacaaaaac accacacgct      240
ctccccctg tctctcgcgg gtgtt                                     265

<210> 26
<211> 388
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(388)
<223> n = A,T,C or G

<400> 26
ggcacgaggg aggtcttttg ttatagatgc ttttgcccc ttaatacagc aatgagagca      60
ctgaccgaag aggcagccgt gactgtaaca cctccaatca cagcccagca agctgacaac      120
atagaaggac ccatagcctt gaagttctca cacctttgcc tgggaagatca taacagttac      180
tgcatcaacg gtgcttgtgc attccaccat gagctagaga aagccatctg cagggtgtcta      240
aaattgaaat cgccttaca tgtctgttct ggagaaagac gaccactgtg aggcctttgt      300
gaagaathtt catcaaggca tctgtagaga tcagtgaagg caaaattaaa gttttcagat      360
gaaacaacaa aacttgtcaa gctgactn                                     388

<210> 27
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(431)
<223> n = A,T,C or G

<400> 27
ggcacgagag aggggctact ttagatgcaa aggggacaat tagaaggcta ctgaggtaat      60
ccggacaaaa agttgtaaat aaatcacggt gccagtatgg tgaatagtgg aaggggtgta      120
tttgaagaaa ctggggaggc cgtgggagag gctggctagt gagaaatggg ccgaagggtga      180
aagcagctta ggggctggtt tccagttttc tggcactgca gactgggtag tgggaggtgg      240
ctttctcaag aggagaggtg agtggaagg agcagggctg caggggaggt catggtcttg      300
ggagtgggtg tcagtctgac ttgcacatag gggagattat tttagatttc cgcaagaaaa      360
tgtccagcat gtagtcatat caatgnnnnn nnnnnnnnnn nnnnnnnnnn nntgagattt      420
acccaaaaag a                                                         431

<210> 28
<211> 389
<212> DNA
<213> Homo sapiens

<400> 28
ggcacgagcc accccaaga gtgtggccat ctggggccgt gtggtatttg ccactcagga      60

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gacatgtccc	tatgacatag	cagtgggtgag	cctggaggag	gacctggatg	atgtcccat	120
ccctgtgccc	gctgagcact	tccatgaagg	cgaggctgtg	agtgtggtgg	gctttggcgt	180
ctttggccag	tcttgcgggc	cctcggtgac	ctcaggcatc	ctttccgctg	tggtgcaggt	240
gaattggcacg	cccgtaatgc	tgacagaccac	gtgtgctgtg	cacagcggct	ccagtggggg	300
acccctcttc	tccaaccact	caggaaacct	ccttggcata	atcaccagca	acacccgga	360
caataatacg	ggggccacct	acccccacc				389

<210> 29  
 <211> 431  
 <212> DNA  
 <213> Homo sapiens

<400> 29						
ggacgaggct	ccagcgcact	tttccaacac	atcactgcat	tatttgaatg	caccatggca	60
gctattgtca	ccttacttgg	gagtgatcca	gttgagctc	tttatattcg	gacatgtcga	120
gtattgatgc	tttctgactg	ggacacgatg	ctttacaacc	caaggccaga	ttacgggtacc	180
acagtgcact	gtactcatga	agccggctac	ccactatata	ccatcgtatt	tatctattac	240
gcattctgct	tggtattaat	gatgctgctc	cgacctcttc	tggtgaagaa	gaatgcatgt	300
gggttaggga	aatctgatcg	atataaaaagt	atttatgctg	cactttactt	cttcccaa	360
gtaaccgtgc	ttcaggcagc	tgtgggaggc	cttttatatt	acgccttccc	atacattata	420
ttagtggtat	c					431

<210> 30  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 30						
ggcacgagac	tacaccgct	tcgatgactg	gtacctgtgg	gttcagatgt	acaaggggac	60
tgtgtccatg	ccagtcttcc	agtccttgga	ggcctactgg	cctggctctc	agagcctcat	120
tgagacatt	gacaatgcca	tgaggacctt	cctcaactac	tacactgtat	ggaagcagtt	180
tggggggctc	ccggaattct	acaacattcc	tcagggatac	acagtggaga	agcgagaggg	240
ctaccacatt	cgcccagaac	ttattgaaag	cgcaatgtac	ctctaccgtg	ccacggggga	300
tcccaccctc	ctagaactcg	gaagagatgc	tgtggaatcc	attgaaaaaa	tcagcaaggt	360
ggagtgcgga	tttgcaacaa	tcaaagatct	gcg			393

<210> 31  
 <211> 459  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(459)  
 <223> n = A,T,C or G

<400> 31						
gcaatcgcat	tgtctttttg	aggatnnnat	naatgtcaat	tcggcacgag	ctttgtggat	60
gtttccagct	gcatcgtoa	cccttctgtc	tgctccctgg	accagcttca	ggacttgaag	120
gccctcgtag	ctgagatcat	cacacatttg	caggggctgc	agagggactt	atctctagca	180
gtctcctaca	gcaggctcca	ttcctcagac	tggaatctgt	gtactgtatt	tggtatcctc	240
ctgggctatc	ctgttcccta	tacctttcac	ctgaaccagg	gagatgacaa	ctgcttagct	300
ctgactccac	tacgagtatt	cactgcccg	atctcatgg	tgctaggtca	acccccaatc	360
ctgctctatt	cttttagtgt	cccagagagt	ttgttcccac	gcctgaggga	cattctgaac	420
acctgggaga	aagacctcag	aacctgattt	atgactcac			459

<210> 32  
 <211> 445  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 32
ggcacgagat ggagagcacc tctgtgcctc tctgagagca ctcacagcca aaagtacaca      60
gctgccccca ggctgagagt gcttgatata cccttgaatc ccctcttata tgatgccccca      120
gccaggaga gataaaagca tcagcaccat gagattcacc tgcctctggt cgtnnnnnnn      180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300
nnnnactctt agacagcaaa aatgctnttc tccagtcttt gttccttggt ctcaaggtcc      360
acccttgctg gataactact ggtcttggtt tccctgggga aagatggaac ttgagtaagc      420
tcgacccaaa tccaaaatca atccg                                     445

<210> 33
<211> 429
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 33
ggcacgagcg cctgccctgc atcagggaga catgtcagct gaggagtaat tgaccagatt      60
tctgcttttag aaatatggca gtggaggcag gagatggcat ctgaggccca ggctggggag      120
aagggtgctg ggatgagaac ctggagttca gaccagggaa gggatgagag cctaagaaga      180
ggagctctca ccctgagaca ggctggtgca ggagtctgct cgatccaggc ctgggtccct      240
ggttccctct gagcttgga ggactatgtg agacagaaca ggaccagggg cctgcattcc      300
cccttgattt attcatcnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnna      420
tgatggccc                                     429

<210> 34
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 34
gttctgtggg aatagagggg ccctggtgac agggcagggc tagatctgga gcctgcactt      60
ggcctgtgac atactgtctt gtttctgaga atcctcccct acttctctag ttaatctcca      120
gagacttctg tgactactta atcacaaagg aaattttcag gaatattatc aaatactatt      180
ttagaaaaaa aaagagaagg gatttgaatg ttttcagttc agtttagnta tcnnnnnnnn      240
nnnnnnnnccc caaacttcaa aatggaggcc cccccctcct ttaaccccccc taaaaaaaat      300
tctgatgttt gaggtttggt tgccaattaa ccaaaccccc aaaaaaaaag ggggttaaac      360
ccatttgga agttttccta attttggggg gtgccctttg aggtggaccc gggtccctgc      420
cctgggaaag gccccaaag                                     439

<210> 35
<211> 440
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 35
ggcacgaggt gaagtcctgg ttccagactc ccctttttgc cgggacatga tggatctgtc      60
agctggtgcc tatagtccta gagagctaga gatggaggga aattcagatc atctaaaccc      120
ttcagccctt cactggacag aagaggaaac tgaggctcca tctgcatgac gttcccagag      180
tcacggcaca aattcatgga agaagcagca ggaaactcag ttctccagtc tgggtccaat      240
gtgtgtttta gaaatatctc cacagggtta atgactcaat ttttcatgca tgattgctag      300
taatgacaat catgttatgt ttgtttctgt agctttggaa atcactcctt ccacttgagt      360
ttcaggtccc aactgtccac acctgcagga gtgaggtttt gctgagactg ataaggcact      420
cacattntgt gggagttgaa                                     440

<210> 36
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(423)
<223> n = A,T,C or G

<400> 36
acgagcgcnh nncctgcatc agggagacat gtcagctgag gagtaattga ccagatttct      60
gctttagaaa tatggcagtg gaggcaggag atggcatctg agggccaggc tggggagaag      120
ggtgctggga tgagaacctg gagttcagac cagggaaggg atgagagcct aagaagagga      180
gctctcaccg tgagacaggc tgggtgcagga gtctgtctga tccaggcctg ggtccctggt      240
tccctctgag cttgggagga ctatgtgaga cagaacagga ccaggggcct gcattccccc      300
ttgtattatt catcnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnatga      420
tgg                                     423

<210> 37
<211> 424
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 37
ggcttgtaga nctcggaggt tngcaagaat cgcattcggc acgagctggg acacagtgnh      60
ctctcttata tttgttgctg gaataaatga atgaactaag gcagtcttgt agggatttac      120
tgtaaccac catgggaaaa ttaaataaat gcggggaagg aaaacggtct aaaattagaa      180
gactactttc tactctcagc ttctgattcc ctctgagcta agaaccagac agccttaggc      240
tggtaaactc tataagctgg tcctcctccc atgctgaccc catctttact gtacaattca      300
cttttcatgg actgaaggca ccaccaagat agatccagga gtgacaactc cagtgtaggt      360
gtccactgtt cccttaatct ctgtcctgct ccaagtataa ataaatcggg gccatttcct      420
taga                                     424

<210> 38
<211> 434
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 38
ggcacgaggt acacagctgc ccccaggctg agagtgcctg atacaccctt gaatcccctc      60
ttatatgatg ccccagccca ggagagataa aagcatcagc accatgagat tcacctgcct      120
ctggtcgtnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      240
nnnnnnnnnn nnnnnnnnna ctcttagaca gcaaaaatgc tttctcccag tcttggtccc      300
ttgttctcag ttcccacct gcctggataa ctactgttct tggtttnnnn nnnnnnnnnn      360
nnnnnnnnnn agtctcgtac cagattcaaa aatcagtc aa ctacttcaaa aacaatgaca      420
tgctggctac ttaa                                     434

<210> 39
<211> 428
<212> DNA
<213> Homo sapiens

<400> 39
ggcacgagct ttgtggatgt ttccagctgc cagcgtcacc cttctgtctg ctccctggac      60
cagcttcagg acttgaaggc cctcgtggct gagatcatca cacatttgca ggggctgcag      120
agggacttat ctctagcagt ctctacagc aggcctcatt cctcagactg gaatctgtgt      180
actgtatttg ggatectcct gggctatcct gttccctata cctttcacct gaaccagga      240
gatgacaact gcttagctct gactccacta cgagtattca ctgcccgat ctcatggttg      300
ctaggtcaac cccaatcct gctctattct tttagtgtcc cagagagttt gttcccaggc      360
ctgagggaca ttctaaacac ctgggagaag gacctcagaa cccgatttag gactcagaat      420
gactttgc                                     428

<210> 40
<211> 429
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 40
ggcacgagtg gagagcacct ctgtgcctct ctgagagcac tcacagccaa aagtacacag      60
ctgccccag gctgagagtg cttgatacac ccttgaatcc cctcttatat gatgccccag      120
cccaggagag ataaaagcat cagcaccatg agattcacct gcctctgggc gttagggaac      180
aatggaggcc tgcgatttgg agttaaaactc tcagtgatct ctgtgttgac aacaccaaag      240
ctagaggaat ccagtaggat gtgggcatgg ttttcccgga aggctgactg agcagttctg      300
caaatgtttg caagtacagg gcagaatttc atccagctc agaaccttga gccaaagactc      360
agcatcagca aagccaaaag tttcattttc ttgactgtgg gagtgcctagt cccaaccttt      420
agatggccn                                     429

<210> 41
<211> 430
<212> DNA
<213> Homo sapiens

<400> 41
actctgcaaa cagctacttg tgctgattgc aggagacca taaattcgaa cgaggaaaca      60
ccgagacctg aaggggctga cgaacgcgat ttctgataag tatgggggtcc ctgaagagaa      120
catttaccaa gcctacaata aatgcacgcg aggaatctta tgcaacatgg acaacaacat      180

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cattcagcat tacagcaacc acgtcgcctt cctgctggac atggcggagc tggacggcaa      240
aattcagatc atccttaagg agctggaagg cctctcgagc atacaaaccc tcacgacctg      300
catggggcca gcagggacgt ggccccacgc cacacacaac ctctccacat gcctcaacgc      360
tgttacttga atgccttccc tgagggaaga ggcccttgag tcacagaccc acagacgtca      420
ggaccatggg                                     430

<210> 42
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 42
ggcacgaggc gccctctgcc cccctcagag ggtctctcct ctcgaccccc aaattccccc      60
agcatctcaa tcccttgcat ggggagcaag gcctcgagcc cccatgggtt gggctccccg      120
ctggtggcct ctccaagact ggagaagcgg ctgggaggcc tggccccaca gcggggcagc      180
aggatctctg tgctgtcagc cagcccagtg tctgatgtca gctatatgtt tggaagcagc      240
cagtccttcc tgcactccag caactccagc catcagtcac cttccagatc cttggaaagt      300
cagcccaact cttcctccag cctccacagc cttggctcag tgtccctgtg tacaagaccc      360
agtgaacttc aggctcccag aaaccccacc ctaaccatgg gccaaaccag aacaccccac      420
tctccaccac tgggcan                                     437

<210> 43
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

<400> 43
ggnncagtga ccaccaggac ctggtgtctg tgcacatcta catcaccacg ctggctgaga      60
agttcgacct caggaccact atgctgtaca tctgtgagcg gcacttccag aaggttctga      120
accgagctct attcacaggc ctgcgctcca tcaccactt tggccgtccc ccttttgagc      180
ccttcttcaa ctccctgcag gaggtccacc cccaggctcg gaagatcggg gtgttttagc      240
gtggcccccc tggcatgacc aagaatgtgg aaaaggcctg tcagctcatc aacaggcagg      300
accggactca cttctccac cattatgaga acttctaggc cccttcccgg gggttctgcc      360
cactgtccag ttgagcagag gtttgagccc acacctcacc tctgttcttc ctatttctgg      420
ctgcctcagc cc                                     432

<210> 44
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(436)
<223> n = A,T,C or G

<400> 44
ggcacgagcc gaggcgcgcg tgttccgtgg ccgcttccag ggccgcgcgg cggatgatcaa      60
gcaccgcttc cccaaggggt accggcaccc ggcgctggag gcgcggttg gcagacggcg      120
gacggtgcag gagggccggg cgctcctccg ctgtcgccgc gctggaatat ctgccccagt      180

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tgtctttttt	gtggactatg	cttccaactg	cttatatatg	gaagaaattg	aaggctcagt	240
gactgttcga	gattatatcc	agtccactat	ggagactgaa	aaaactcccc	aggggtctctc	300 -
caacttagcc	aagacaattg	ggcagggttt	ggctcgaatg	cacgatgaag	acctcattca	360
tgggtgatctc	accacctcca	acatgctcct	gaaaccccc	cttgaacagc	tgaacattgt	420
gctcatagac	tntggg					436

<210> 45  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

tctctctctc	tctctctcac	agacactttt	accccatata	tacacataaa	atgtgtgcgc	60
gagagagaga	gagccctctc	gctctatata	tatccccgcg	ggggggagat	aaaaatatat	120
atccccacac	tttatagggc	gggctcccc	ctctatcctg	tgtgtagaga	gaaatatata	180
tatatctgtg	gggggagaga	gagatctctc	accccccgcg	acacgcgagc	tctttcttaa	240
gatgtgtgag	cgcccccccc	ctgtttttgt	aaaaaagaga	ggggtatata	tattgggggg	300

<210> 46  
 <211> 191  
 <212> DNA  
 <213> Homo sapiens

caaaacaaaa	ccatgttccc	actggtgatg	cctgtctgac	acgttttggg	atttagtagg	60
aaatgaaggg	tcttcaagct	tcgagagAAC	cttcaaaatt	gtcacaattg	ctgaaaacag	120
aatgaatcgg	gaacattatc	tcaatatatt	gcataataga	caacaccaca	gtgttttggg	180
tccctgacct	g					191

<210> 47  
 <211> 302  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(302)  
 <223> n = A,T,C or G

gcccgggcgt	gtgtgtatgt	gtgtacacgc	ccccgtgggc	tctctgtcgc	atcttgnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nntgtannnn	nnnnnnncaca	tagcgcgcgc	gctcgcgcgc	120
acggagctat	agagacacca	ctctctctct	gagatacacg	cgcgcgacaca	cactctgcgc	180
gcgcgcgcgc	ttctttgtct	cgcgcgcgcg	cccgtatgtg	ggaggggtata	tgtgggggaa	240
aatagcgagg	tgtgcgcgca	cccgcgcacg	cgcgctctat	atctctatat	cttcagcgcg	300
cg						302

<210> 48  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

ggcacgaggc	ttgcggggca	ttaggactag	agggttggtg	aaaattcaga	cagaatgtaa	60
cttgacaaag	agaagacagc	aacaactgta	acaattatct	tatgaatatt	tgcgaaactc	120
aaagggatct	gattggtgac	ctctgggctt	tatcaaatta	acatcacaaac	ttctagaaga	180
aagtcaacct	tcattcttta	caatagaaat	catatgtttt	gctaaccat	tcctatttag	240
gctgaaaaca	attaagagtt	atgggtactt	aaaaaaatca	ttatgtttat	aaaattagtg	300
atagaaggag	catagtgttc	tatacagtca	cacacataca	cttccttatt	tcttttattt	360
aaactttgag	taacatagca	gtctatgttt	gggtcagttt	tccctttttt	g	411

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<210> 49
<211> 408
<212> DNA
<213> Homo sapiens

<400> 49
ggcacgaggg acacaaagcc aagggcatac cctatagagt aaagctgcag ccaccctgtg      60
tctcatgtgc agctgaaata gtgatctgct tctgtcactg tcacatagac agccctgcat      120
gccccctgtc tcacacagtt tgtaatgaag acagctcctt ctcactcttc cataagcctg      180
agatacaagt tcagggactc agcaatgcac tttaggactg agctaggagg caaatatctg      240
aagcttgcta tgctgttctt tccattcctt ttccctctga aacacacaaa ataccaaagg      300
aacttacgca tcacaccact gagtccctca actaatcata tgtgctcaga cacagctcaa      360
gcacaccctt tagttaagag agaacctcca tatacattaa tttttttc      408

<210> 50
<211> 407
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 50
agagaaacat ccaactcgaat tcggcacgag gacagggcag ggctagatct tttttctgca      60
cttggcctgt gacatactgt ctggtgtctg agaatcctcc cctacttctc tagttaatct      120
ccagagactt ctgtgactac ttaatcacia aggaattttt caggaatatt atcaaatact      180
attttagaaa aaaaaagaga agggatttga atgttttcag ttcagtttag ttatcnnnnn      240
nnnnnnnnnn nccaaaactc aagtatggag gccccccct ctttaaacc accaaaaaaa      300
ttttttgggg ttcagggtgg gttggccaac taccaaacc ccaaagaaa atgggggtta      360
accccttga aaaagttttc ttactttggg gggctgccct tgagccg      407

<210> 51
<211> 312
<212> DNA
<213> Homo sapiens

<400> 51
ccccgggggc gctctctttt tttttccccc caagtgcgag agccccgcgc gcgtctctct      60
ctcgcatttt ttcgacaccc ccttgtgtg gggcgggggc gcgctctgtg tgtgatacac      120
agaatgtgcg tgggtgtgtc gagagacact ctctgcgctt gtgtgtgaga cacgagactt      180
tctcttttta gggggcgggg ggggagttt atgtgtgcca catgttttct gtgtataaaa      240
agagcgcaca gagtgtttt tatatctgtg agagagacct ctctgtatat atacacgctc      300
agaggggaga gg      312

<210> 52
<211> 420
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 52
acgagggnnn nnaagcaccg cgggtacccc atgagggcct acaagctggc caccctggcc      60
atgacccatc tcaacctgag ctacaatcag gacacacacc ctgccattaa tgatgttttg      120

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tgggcctgtg	cgcttagcca	ctcccttggt	aaaaatgagc	ttgcagctat	aatacctctg	180
gtgggtcaaga	gtgtcaagt	tgcaacggta	ctgtcagaca	ttttgcgcag	atgcactctg	240
accactcctg	gcatgggtggg	acttcatggg	aggaggaact	ctggtaagct	catgtcactg	300
gacaaagccc	ccttgaggca	actcttggat	gccacgatcg	gggcctacat	caacacaacg	360
cactcacggc	tcacacacat	cagtcctcgg	cactatagtg	agtttataga	gttcctcagc	420

<210> 53  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 53						
ggcacgaggt	gtggatgaca	gagcgagacc	ctgcctcatn	nnnnnnnnnn	nnnnnnnnnc	60
cccccnnnn	nnnnnnnaaa	accgcggtg	ggccccggct	gttcttttag	gccctaaaaa	120
ttgccccaaa	aaaaattggc	cgggccctaa	aaaaaccccg	gttttttggg	gagaattcaa	180
aaaagggtcg	gtnnnnnnnn	nnnnnnnaaa	cttccaaccg	gcctcagggg	gaaaaaacct	240
ggaaaactca	atgggggttg	gaacaaaatc	aatatttggg	cctaccggaa	agcgtaaga	300
ttttaacca	gtaaaaatgg	ccaannnnnn	nnnnnnnnnn	nnnnaacagg	gcccccgggg	360
taagggctaa	aaattttcag	atttgaacct	tttt			394

<210> 54  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 54						
ggcacgagat	tttcttggca	ataagcggac	tctgggactc	cggctcccta	ccccaaactg	60
aagcgcttcc	gtgaacaccc	cogtctccg	tagggggagg	ggagcaggcg	ggatcctggg	120
tccctcataa	gcacttttgt	tttaccgcct	gcaacctcac	tgtgcccgcc	ccgcaccatg	180
ccctagcccc	aggtctagcc	gggcccattg	cagggggcag	cacttggggg	catctccggc	240
acttgggtgg	gaccaaggag	atgccaccat	agacctttcc	ctgccttct	tcctccctag	300
tccgggttcc	attcttttca	ccagcaccga	tcgccccagg	ggtaccgagg	gggggcaggg	360
ggtggtcaat	tcaaacccaa	cccccgctcg				390

<210> 55  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 55						
tctctctctc	tctctgcgcc	cacacctctc	tcannnnnnn	nnngcacgtg	tatatctnnn	60
nnnnnnnnnn	tttttttttag	agagacatct	cgcgcgtgtc	tctctttttc	ccgcccgcgc	120
ctctttttctc	gcgcgcgcgc	gcaccccccc	tgtgtggggc	gcgcgctctc	tttttttttg	180
tgcgcgcgan	nnnnnnnnnt	ctctctctgt	ggcgnnnnnn	nnnnnnntctc	ttatattata	240
ttttgggggg	cggggggcct	cccccccccc	ctgtgtgcct			280

<210> 56  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(398)  
 <223> n = A,T,C or G

<400> 56  
 ggacagaggt ccacctcagc tcagcaatct catgccggtt ggcaattagt cagcataagc 60  
 cgatgcctgc ccacagttc tttactctga ggtgtagag tggataaaa atataaatac 120  
 ttacnnnnnn nnnnnnnnca ataccacaac ccctccatt nnnnnnnnnn nnngcccgcc 180  
 cccctaaaaat tcatggagag gcctatttcg tagccagcca ctatataaac cctgctggtt 240  
 gggcggnnnn nnnnnnnngt gaagggggga aaaaaaagcc tttttttgaa aaaattagtc 300  
 attttttgct ttttttgac acattttgcg ggacaaaaga ccctgtaaaa cccccctatt 360  
 cnnnnnnnnn nnnnnnaacc tcaacgaggg gggggcgg 398

<210> 57  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 57  
 ggacagagat tttcttggca ataagcggac tctgggactc cggtcccta cccaaaactg 60  
 aagcgcttcc gtgaacaccc ccgtcctccg tagggggagg ggagcaggcg ggatcctggg 120  
 tccctcataa gcactttggt tttaccgcct gcaacctcac tgtgcccgcc ccgcaccatg 180  
 ccctagcccc aggtctagcc gggcccattg cagggggcag cacttggggg catctccggc 240  
 acttgggtgg gaccaaggag atgccaccat agacctttcc ctgccttct tctccctag 300  
 tccgggttcc attcttttca ccagcaccca tcgcccaagg ggtaccgagg gggggcaggg 360  
 gggggtcaag tccaggccca cccccg 386

<210> 58  
 <211> 202  
 <212> DNA  
 <213> Homo sapiens

<400> 58  
 cactttttct atatgaatat ctggccgta tcatagactc aaaaaagaaa ttatgcaagt 60  
 tctttctgcc cccacctgcg ccaggggaga agtttacctt cgggaactcc agagttaaag 120  
 cagttgtggt gataattttt tatgctgaac acaccacgat ataaaaaaca acattcacgt 180  
 gctttatttt tgttatgtgt tt 202

<210> 59  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 59  
 ggacagagtc tgcttctgtc actgtcacat agacagccct gcatgcccc tgtctcacac 60  
 agtttgtaat gaagacagct ccttctcatc tttccataag cctgagatac agtttcaggg 120  
 actcagcaat gcactttagg actgagctag gaggcaata tctgaagctt gctatgctgt 180  
 tctttccatt ctttttcct ctgaaacaca caaaatacca aaggaaactta cgcaacacac 240  
 cactgagtc tctaactaat catatgtgct cagacacagc tcaagcacac cccttagtta 300  
 agaaagaacc tccatataca ttaatttttt tctgcctaaa aataaaattg cgttggtggca 360  
 gcaatttgga aactacagca aagtctccaa aaaa 394

<210> 60  
 <211> 246  
 <212> DNA  
 <213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 60
cccctccttt tttaggcctg aatacaaaagt agaagatcac tttccttcac tgtgctgaga      60
atttctagat actacagntc ttactcctct cttccctttg ttattcaggg tgaccaggat      120
ggcgggaggg gatctgtgtc actgtaggta ctgtgccag gaagcctggg tgaagtgacc      180
atctaaattg caggatggtg aaattatccc catctgtcct aatgggctta ctcctccttt      240
gccttn                                           246

<210> 61
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 61
ggcacgagct tgcttcctc tcaccctctg cagtttccnn nnnnnnnnnn nnnnnnnnnn      60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      120
nnnnnnnnnn nnnnnncttc catatcgtaa actgccttgg aaccaattac cactaccagg      180
gagacaaact attgcttaga ggatgctgac aggagcagca tgccaaaatt ggaagaagga      240
gaaagtttaa gctctcctca ctatgagttt tcaagtataa aagacttttt cttccacgat      300
tttgagaaca actgaggact cttgtgacca ggacaacagg gaagcttgca gcaagatagc      360
tccaggttgg attcatgctt cgcaccccaa aggct                                           395

<210> 62
<211> 387
<212> DNA
<213> Homo sapiens

<400> 62
ggcacgaggc ttgcggggca ttatgactag agggttggtg aaaattcaga cagaatgtaa      60
cttgacaaag agaagacagc aacaactgta acaattatct tatgaatatt tgcgaaactc      120
aaagggatct gattggtgac ctctgggctt tatcaaatta acatcacaac ttctagaaga      180
aagtcaacct tcactcttta caatagaaat catatgtttt gctaaccocat tcctatttag      240
gctgaaaaca attaagagtt atgggtactt aaaaaaatca ttatgtttat aaaattagtg      300
atagaaggag catagtgttc tatacagtca cacacataca cttccttatt tcttttattt      360
aaactttgag taacatagca gtctatg                                           387

<210> 63
<211> 401
<212> DNA
<213> Homo sapiens

<400> 63
ggcacgaggg aaactgtatg acaggagaat gaatcagggt tggggctcaa ggtgccggcc      60
actgggaaaa acagctgccc cgagttgcaa aactctgggt cctatatgta taaactatgc      120
cctgagggaag gaatctcagg cgtatcttag gagaaaatgt tctagcttgg gaaacaaaca      180
caacaggacc gtgaatccaa atatttcaag tgggtttaga ggactggagt tctaaacgct      240
gcttttactg taagtgatca cgccccggaa tgtgctgaag aaaggaaaat gagccagtat      300
cggcgaggac tatgggcaag gaaaacgaga gtgtgcatg tgtcaaagca agacatctgt      360
gtatagtaat ataaccaagt aatagatagt catagaatca a                                           401

<210> 64
<211> 274

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 64
cacgcacccg cctgtgtgtg tgcgcacaca cgctccctct ctctatagac agacacacac      60
tgcgcgctcg ctctctcttt tgtgtgcgct ctccgtgctc ccccccctctc tctctttttt      120
ctctatatnn nnnnnnnnnn nnnnntctga gagctcgcgc gctcagcggt ctattcacac      180
gcgcggtttt tttatatata tattttgtgc gcgcggggg gggcgcacac actctctctt      240
ttttgtgggt tcgctgtccg cgctccctct tttg                                274

<210> 65
<211> 279
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(279)
<223> n = A,T,C or G

<400> 65
cccttttttt tatacacccc cccttgtctg tctgttttgt gtgtctgcc ccttctctc      60
gttgtgatct ccctctctct tttttctccc ccgcgctct ctctctcttg cggggaggct      120
cacatacccc ctctctctct cttttttgaa ccacacattc cgtttctctt ttttttatct      180
ctaccctct ctggtctgta cccccacan nnnnnnnnnn nnnnnnnnnn nnnagagtag      240
agttgcgttc ccactctcc nnnnnnnnnn gtgggggtgc                                279

<210> 66
<211> 311
<212> DNA
<213> Homo sapiens

<400> 66
caaaacaaaa attaaaaatg accccccttt aaaatttttag ggggtccatt tttaaaaacc      60
ttaacagttt aaaggttctt ggtcagtttg gggaacccca ccttgagatg ggagcaaaaa      120
aggggatttt tttccaacat agcgagcggg ttagattttt tttgtccgt tagagttgcc      180
ctgtgcacca cgccaaaacc tccagagggt tttttttttt acacaccctg tctgggggtg      240
tttctcagaa gattaacaca gcgcctgggg gtttaaggga ggggtgacct ccgcaggaca      300
ttatggggct t                                311

<210> 67
<211> 386
<212> DNA
<213> Homo sapiens

<400> 67
ggcacgaggg aatctcaggc gtatcttatg agaaaatggt ctagcttggg aaacaaacac      60
aacaggaccg tgaatccaaa tatttcaagt gggtttagag gactggagtt ctaaacgctg      120
cttttactgt aagtgatcac gccccggaat gtgctgaaga aaggaaaatg agccagtatc      180
ggcgaggact atgggcaagg aaaacgagag tgtgcgatgt gtcaaagcaa gacatctgtg      240
tatagtaata taatcaagta atagatagtc atagaatcaa gctgatgtat ttggcagggg      300
ccgcgggagg atgaggcaac tccatcaga ttagaaagat gttaaactg taacaaaagt      360
ggggctcgag gaaggggaaa agcgca                                386

<210> 68

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<211> 396  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(396)  
 <223> n = A,T,C or G

<400> 68  
 ggcacgagga ggcagctgcc tttgtttgcc atggatgggt aggggctgca ctgagcagca 60  
 ccggtgttct tcatccggct gcaccccaaa cagagctctt tcttcccag atccctttta 120  
 cagttggatt ctccctcttg gatctggctc tgccttagtc cgacctagag ggatcagctt 180  
 cgcccacgcc cactctcacc cggaaccttt catctcttat tgaagccttt taggccatt 240  
 gggatgttca ttagaactct gaaaactaca gttctccctt ttatgaggac tgcaccacag 300  
 ctgcgctct cctgggttcc gcctgggtgc agagttagcc catgggacag ccctctgaaa 360  
 ttatactgct tacaaccatg ctgagtctgc aaggan 396

<210> 69  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 69  
 ggcacgagtc ttagtcaaca tggacaacaa catcattcag cattacagca accacgtcgc 60  
 cttcctgctg gacatggggg agctggacgg caaaattcag atcatcctta aggagctgta 120  
 aggcctctcg agcatccaaa ccctcacgac ctgcaagggg ccagcagggg cgtggcccca 180  
 cgccacacac aacctctcca catgcctcag cgctgttact tgaatgcctt ccctgagggg 240  
 agaggccctt gagtcacaga cccacagacg tcaggggccag ggagagacct aggggggtccc 300  
 ctggcctgga tccccatggt atgcttgaat ctgctccctg aacttcctgc cagtgcctcc 360  
 ccgtacccca aaacaatgtc accatgggta ccaccta 397

<210> 70  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 70  
 ggcacgagcc aaacctagca caaaacgggg ttcacaagcc atggctcggg tccggggggg 60  
 acagaaatgg attttcttgg caataagcgg actctgggac tccggctccc taccctaaac 120  
 tgaagcgctt ccgtgaacac ccccgctctc cgtaggggga ggggagcagg cgggatacctg 180  
 ggtccctcat aagcactttg gttttaccgc ctgcaacctc actgtgcccg ccccgacca 240  
 tgccctagcc ccaggtctag ccggggcccat tgcagggggc agcacttggg ggcattctccg 300  
 gcacttgggt gggaccaagg agatgccacc atagaccttt ccctcgctt cttcctccct 360  
 agtccgggtt ccattctttt caccagcacc catc 394

<210> 71  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 71  
 ggcacgagga aagttaagca tctacagggt atggcttttg gagttccaat atcagtctat 60  
 cttttattca acgcaatgac agcactgacc gaagaggcag ccgtgactgt aacacctcca 120  
 atcacagccc agcaaggtaa ctggacagtt aacaaaacag aagctgacaa catagaagga 180  
 cccatagcct tgaagtctc acacctttgc ctggaagatc ataacagtta ctgcatcaac 240  
 ggtgcttgtg cattccacca tgagctagag aaagccatct gcagggtgtc aaaattgaaa 300  
 tcgccttaca atgtctgttc tggagaaaga cgaccactgt gaagcctttg tgaagaattt 360  
 tcatcaaggc atctgtagag atcagttag 389

<210> 72  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(396)  
 <223> n = A,T,C or G

<400> 72  
 ggcacgaggc ctggcccccac agcggggcag caggatctct gtgctgtcag ccagcccagt 60  
 gtctgatgtc agctatatgt ttggaagcag ccagtccctc ctgcactcca gcaactccag 120  
 ccatcagtca tcttccagat ccttggaag tccagccaac tcttccctcca gcctccacag 180  
 ccttggtctca gtgtccctgt gtacaagacc cagtgacttc caggctccca gaaaccccac 240  
 cctaaccatg ggccaaccca gaacacccca ctctccacca ctggccaaag aacatgccag 300  
 cagctgcccc ccatccatca ccaactccat ggtggacata cccattgtgc tgatcaacgg 360  
 ctgcccagaa ccagggtctt ctccacccca gcggan 396

<210> 73  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 73  
 ggcacgaggc cacctgttgc cctaacaccc tgtctgactc tctcccgtctg cagcagccag 60  
 tccctcctgc actccagcaa ctccagccat cagtcactct ccagatcctt ggaaagtcca 120  
 gccaaactct cctccagcct ccacagcctt ggctcagtgt cctgtgttac aagaccagct 180  
 gacttccagg ctcccagaaa ccccacccta accatgggac aaccagaaac accccactct 240  
 ccaccactgg ccaaagaaca tgccagcagc tgcccccat ccatcaccaa ctccatggtg 300  
 gacataccca ttgtgctgat caacggctgc ccagaaccag ggtcttctcc accccagcgg 360  
 accccaggac accgaactc cgttca 386

<210> 74  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 74  
 ggcacgagct cagatccggg gactgcggat aaatggcctt aggccgcggg cagcgagatg 60  
 ttgcgttccg gtgtgggtgt ggggtgtgcct ccgacggcgt ctcggtgcca gtgtcgagggt 120  
 tctttctgct tagctacccg gagccgacta cggaggagga cacctgagtt tacgtctctt 180  
 ccatctgctg ctgcctcag ctgcctgggt ccccgacgag agccagggtga cacttaactc 240  
 cgccatctgc gttttgagca ctgttctcat aatggagttt cctgatttgg ggaagcattg 300  
 ttcagaaaag acttgcaagc agctagattt tcttccagta aaatgtgatg catgtaaaca 360  
 agatttctgt aaagatcatt ttccatacgg 390

<210> 75  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 75  
 ggcacgagaa atggccttag gccgcgggca gcgagatggt gcgttccggt gtgggtgtgg 60  
 gtgtgcctcc gacggcgtct cgggtgccagt gtcgagggtc tttctgctta gctaccggga 120  
 gccgactacg gaggaggaca cctgagttta cgtctcttcc atctgtgct cgcctcagct 180  
 gcttgggtcc ccgacgagag ccagggtgaca cttaactccg ccatctgcgt tttgagcact 240  
 gttctcataa tggagtttcc tgattttggg aagcattggt cagaaaagac ttgcaagcag 300  
 ctgatttttc ttccagtaaa atgtgatgca tgtaaacaaag atttctgtaa agatcatttt 360  
 ccatacgtctg cacataagtg tccgtttgca ttccagaag 399

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<210> 76
<211> 386
<212> DNA
<213> Homo sapiens

<400> 76
ggcacgagca aaggctcgca gcggccagaa acccggtccc gagcggcggc ggcccggcctt    60
ccgctgcccc tgagctaagg acggtccgct ccctctatcc agctccgaat cctgatccag    120
gcggggggcca ggggcccctc gcctcccctc tgaggaccga agatgagctt cctcttcagc    180
agccgctctt ctaaaacatt cataccaaag aagaatatcc ctgatggatc tcatcagtat    240
gaactcttaa aacatgcaga agcaactcta ggaagaggga atctgagaca agctgctatg    300
ttgcctgagg gagaggatct caatgaatgg agtgctgcga acacctgggg attcttttac    360
cagcaacaac atggtttttg ggaact                                     386

<210> 77
<211> 395
<212> DNA
<213> Homo sapiens

<400> 77
ggcacgaggc catctccaaa tactgcggtt gttcagaagc tcttagtttg tgggctgtcc    60
ttgttatttc acttgaccat ctgtacaaca ttacctgtgg agtacaacat tgatgagcat    120
tttcaagcta cagcttcgtg gccaaacaaag attatctatc tgtatatctc tcttttggtc    180
gccagaccca aatactattt tgcattggacg ctatgctgatg ccattaataa tgctgcaggc    240
tttggtttca gagggatga cgaaaatgga gcagctcgct gggacttaat ttccaatttg    300
agaattcaac aaatagagat gtcaacaagt ttcaagatgt ttcttgataa ttggaatatt    360
cagacagctc tttggctcaa aagggtgtgt tatga                                     395

<210> 78
<211> 389
<212> DNA
<213> Homo sapiens

<400> 78
ggcacgaggc aggcgggat gttcgtcctg gtggaaatgg tggacaccgt ccggatcccc    60
ccttggcagt ttgagaggaa gctcaacgac tccattgccc aggagctgaa caagaagttg    120
gccaaacagg tcgtgtacaa cgtgggactc tgcatattgtc tgtttgatat caccaaactg    180
gaggatgcct atgtattccc tggggatggc gcatcacaca ccaaagtcca ttttcgctgc    240
gtggtgtttc atccattcct agatgagatt ctcatggga agatcaaagg ctgcagccca    300
gaaggagtg cagctctctc aggcttcttc gatgacattc tcatccccc agagtcactg    360
cagcagccag ccaagttcga cgaagcgga                                     389

<210> 79
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 79
ggcacgagaa aacatttcat cttgattttt attaagggtga tatgtatgtt acttaacagc    60
tgtataatac acatttgcat gcattaggaa gttttttttg ggttttattc atcctgtagt    120
gatgtatctg tgacctcaac gagtaggcac ttctgtactg tactggtttc ttaaagtttc    180
ttttatcccg cccccacccc caacctcagc ctcaagtatg taannnnnnn nnnnnnnnnn    240
nnnnnnnnnn nnnnnnnnnn nnnnnnaaac aaagcccggt tttgtcccca ggctggataa    300
caggggcgga atctgggtta attgaaccct ttgcttttgg ggtaaggca attttcctgc    360

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<210> 80  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 80  
 ggcacgagct ggaaaccagc ccctaagctg ctttcacctt cggcccattt ctactagcc 60  
 agcctctccc acggcctccc cagtttcttc aaatacaccc cctccactat tcaccatact 120  
 gccaccgtga tttatattaca actttttgtc cggattacct cagtagcctt ctaattgtcc 180  
 cttttgcatc taaagtagcc cctctcatcc cccaaatctt accatgtcac tcttctacat 240  
 aattctggct ttccatgacc cataaaccac atttctcaag tgtgctctat gctggcttga 300  
 atatgttaat gatcttaatt ctacttttag tgcaattttc ttagagctgg catcactttc 360  
 atcatgacgt gagaac 376

<210> 81  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<400> 81  
 ggcacgagag gattgtgtga aattgtgcaa atgcatgaat gtgggctggg atagtaaaaag 60  
 ggagggcccc ggagcagccc acctgggggtc ctatctagta gacgcgcccc gtgcccaccc 120  
 attgctgtga tgccagcagc ccaactgcaag catcctcttc ctttccaagg ttctgtctgg 180  
 tacatgaata ggtgtggcag ggggtggggc tcctgaagac caactagggg tactagggac 240  
 cttagactct tgcgagagcc tgcaccccat atcaggtggg gtcaatagat aaataccctt 300  
 gcctccttgc cccttagttc tgggtgtggg ggcaagtcag aggaactgtt cttctcacac 360  
 tttcacgtgc tctcggtgga gac 384

<210> 82  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<400> 82  
 ggcacgagca aaggctcgca gcggccagaa acccggtctc gagcggcggc ggcccggctt 60  
 ccgctgcccg tgagctaagg acggtccgct cctctagcc agctccgaat cctgatccag 120  
 gcgggggcca ggggcccctc gcctcccctc tgaggaccga agatgagctt cctcttcagc 180  
 agccgctctt ctaaaacatt caaaccaaag aagaatatcc ctgaaggatc tcatcagtat 240  
 gaactcttaa aacatgcaga agcaactcta ggaagtggga atctgagaca agctgttatg 300  
 ttgcctgagg gagaggatct caatgaatgg attgctgtga acaactgggg atttctttac 360  
 caggatcaca atggtaatat ggg 383

<210> 83  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 83  
 ggcacgagca gggccgcgcg gcggtgatca agcaccgctt cccaagggc taccggcacc 60  
 cggcgctgga ggcgcggtt ggacagcggc ggacggtgca ggaggcccg gcgctcctcc 120  
 gctgtcgccg cgctggaata tctgcccag ttgtctttt ttgtggactat gcttccaact 180  
 gcttatatat ggaagaaatt gaaggctcag tgactgttcg agattatatt cagtccacta 240  
 tggagactga aaaaaactcc ccagggtctc tccaacttag ccaagacaat tgggcagggt 300  
 ttggctcgaa tgcacgatga agacctcatt catggtgatc tcaccacctc caacatgc 358

<210> 84  
 <211> 338  
 <212> DNA

<213> Homo sapiens

<400> 84

aagatggctg	agagggacag	aatgctttat	tttgagaga	aacaatgttc	taggtcaaac	60
tgagtctacc	aaatgcacac	tttcacaatg	ggctagaag	aaatctggac	aagtcttttc	120
atgtggtttt	tctacgcatt	gattacatgt	ttgtcacag	atgaagtggc	cattctgcct	180
gccctcaga	acctctctgt	actctcaacc	aacatgaagc	atctcttgat	gtggagccca	240
gtgatcgcgc	ctggagagac	agtgtactat	tctgtcgaat	accaggggga	gtacgagagc	300
ctgtacacga	gccacatctg	gattcccagc	agctggtg			338

<210> 85

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(475)

<223> n = A,T,C or G

<400> 85

gtcgtcctaat	aggcaggagt	ccatcgattc	gaattcggca	cgagnnnnnn	nnnnnnnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnc	gctccactgt	gcactcctga	cacatacttt	ccccgctaca	ctctctattc	180
tccccctctt	gtgttctctc	tctatagcgg	tagatagaga	ggcctgtgtg	tagataataa	240
acgtgtgtgt	gtgtgtaaga	aaggagacac	aaacacgccc	acnnnnnnnn	nnnttggggc	300
ctttttttct	tttgagccct	ttggggaaaa	aaccgggga	aaacagccca	taccactat	360
ttggggcgcg	ccaaaaaacc	ttctttaaaa	aaaatgtgtt	aaatgttaaa	tttttagga	420
acannnnnnn	nnnngcaaaa	aatagcacc	caaaagcagg	ggttttacat	ttttg	475

<210> 86

<211> 467

<212> DNA

<213> Homo sapiens

<400> 86

gagcgatttt	ctgcaggatt	ctatcgattc	gaattcggca	cgagccatgg	tctcagtga	60
ggctggaatt	tacagagaag	tttgccagg	gggtccacca	tgctgccagt	cagtttggga	120
aggaaacaga	gaagctcggc	catgggggtc	accatgggg	taatgaggcc	tggaaggaa	180
cagagaagtt	tggccagggt	gtccaccatg	ctgcctcgca	ggtggggaag	gaggaagaca	240
gagtgggtcca	aggcctccat	catggcggtta	gtcaggctgg	aaggggaggcg	gggcagtttg	300
gccacgacat	tcaccacaca	gcagggcagg	ctgggaaaga	gggagacata	gcagttcatg	360
gtgtccaacc	tggggtccac	gaggccggga	aggaggcagg	gcaatttggc	caggaggttc	420
accataccct	tgaacaggcc	gggaaggaa	caaacaaagc	ggtccag		467

<210> 87

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(449)

<223> n = A,T,C or G

<400> 87

cgggggtggga	aaccngannt	tnannaancg	gacggattct	cccgttccga	atagcctttt	60
acagaagatt	cttcacagct	atgtgcctga	agagatcang	gatggaaaac	aagttcgagt	120
tacctcatgg	gatggcagga	aatggggaga	actggagggg	gacacctatg	accgggtgct	180
ggtggatgtg	ccctgtacca	cagaccgcca	ctcccttcac	gaggaggaga	acaacatctt	240



taagcgggtca	aggaagaagg	agcgacagat	attgcctgtg	ctgcaagtgc	agctttcttgc	300
ggctggactc	cttgccacca	aaccaggagg	ccatgttgtc	tattctacct	gctcactctc	360
acacttacag	aacgagtatg	tggtgcaagg	tgccattgag	ctcctgggca	atcaatacag	420
catccaggta	caggtggaag	atctgactg				449

<210> 88  
 <211> 439  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(439)  
 <223> n = A,T,C or G

<400> 88	
gtagtgtatg	60
gccccagccc	120
nnnnnnnnnn	180
nnnnnnnnnn	240
nnnnnnnnnn	300
ggtccccacc	360
nagtctcgta	420
cttagataga	439

<210> 89  
 <211> 436  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(436)  
 <223> n = A,T,C or G

<400> 89	
ggcacgagca	60
ctgtaacgcc	120
ctgtcgatgc	180
tggttgatgc	240
aaggaacatc	300
ttgtaacaat	360
agttacatga	420
atcactttcc	436

<210> 90  
 <211> 437  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(437)  
 <223> n = A,T,C or G

<400> 90	
ggcacgagag	60
gtgtgagcgc	120
tcgcaaggag	180
gaacctcatg	240

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ctccgtcatc agggactacc tgggtccaaaa actacagaaa cagagccagc agattgcaca      300
ggatgagctg cgggtgcggc ggtaccgaga ggagaccacc cgtatccgcc aggagatcca      360
agagctcaag gccagtccta agattttcca aaagaccaag tgcagcatct gtaacagtgc      420
cttggagttg ccctcan                                     437

<210> 91
<211> 437
<212> DNA
<213> Homo sapiens

<400> 91
ggcacgagct tcagtottat gtcatttact ctttaggaca acctcttgaa aaactaaatc      60
atttctttga aggtgttgaa gctcgcgtgg cacaggcat aaggaggag gaagtaagtt      120
accaacttgc atttaacaaa caagaacttc gtaaagtcac taaggagtag cctggaaagg      180
aagtaaaaaa aggtctagat aacctctaca agaaagttga taaacattta tgtgaagaag      240
agaacttact tcagggtggtg tggcactcca tgcaagatga atttatacgc cagtataagc      300
actttgaagg tttgatagct cgctgttata ctggatctgg tgttacaatg gaattcacta      360
ttcaggacat tctggattat tgttccagca ttgcacagtc ccactaaacc ttgtgaaaga      420
agaaaaagata actgaat                                     437

<210> 92
<211> 427
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 92
aacggctctt ctnccttttga ggagcccatc gagtcgaatt cggcacgagg cgagtctctg      60
ggtcgcgacg ggaaggagtg aaacacctct ctgcgcctgc gcgctccgtg cctgcgaagc      120
aaaccgcggc tcaccttttc ctgcccgaag cagaagattc tcgcaggcct ggtttctccc      180
tccagaagac cccccaccca aatcctctgt agctcctggg agtgccctga cccctgctgc      240
caccgtcctt cagagagcaa cggaagagct tcccggaggg cgaggaaaag agggaaaagta      300
gccagcaatg tcgaacgcag tgtataataa gatgtggcat cagaccaag aagccctcgg      360
tgctttactc gatgaagagc ctcagacgat gattgaacca cacagaaatc aggttttcat      420
ctttcaa                                     427

<210> 93
<211> 429
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 93
gtgacgatcc catcattcaa ttccggcacga gctcacagcc aaagttcctt ctgccccag      60
gctgagagtg cttgatacac ccttgaatcc cctcttatat gatgccccag cccaggagag      120
ataaaaagcat cagcaccatg agattcacct gcctctggtc gttagggaac aatggaggcc      180
tgcgatttgg agttaaaact tcagtgatct ctgtgttgac aacaccaaag ctagaggaat      240
ccagtaggat gtgggcatgg ttttcccgga aggctgactg agcagttctg caaatgtttg      300
caagtacagg gcagaatttc atccagctc agaaccttga gccaaagact agcatcagca      360
aagccaaaag tttcatttct tcgactgtgg gagtgctagt cccaacctt agatggccat      420
tcagttnta                                     429

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<210> 94  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(421)  
 <223> n = A,T,C or G

<400> 94  
 ggcacgagat tatttacttg gtgtgtggtc accactgttt tttaaagttag tgttttcatt 60  
 tgtatcaaac tggacctgct ttcctcaagg attgcccaaa aggagacaca aatttactaa 120  
 acacttatca ataatagaac accgtgctag gcaatttcca tatactatta atttaatcct 180  
 cacaataact ttggaagaca gaaagtattt tctctgannn nnnnnnnnnn nnnnnnnnnn 240  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300  
 nnnnnnnnnn atcctctgtc tccaaagcct gtacttcatt caggacactt tccccacat 360  
 ttagaaaagc tgtaattatc ttccagttag acagcatagc acatgtgatc actgtccctt 420  
 c 421

<210> 95  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<400> 95  
 ggcacgagat gagaagataa aattcagcgt tggccttttag actttgccat ccttaaggag 60  
 tgatggaagc caagtgaaca agcctcagtg acacaagtca aattcatagt ttcactctgg 120  
 gttttttgtt gttgtgtggt tattattctc actacagaaa gactgagttt catgctcctg 180  
 gctatgtcag atgtgaattt tcatgggtaa ctggacagtt aacaaaacag aagctgacaa 240  
 catagaagga cccatagcct tgaagtctc acacctttgc ctggaagatc ataacagtta 300  
 ctgcatcaac ggtgcttgtg cattccacca tgagctagag aaagccatct gcagggtgtt 360  
 tactggttat actggagaaa ggtgtctaaa attgaaatcg ccttacaatg tctgttctgg 420  
 a 421

<210> 96  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(418)  
 <223> n = A,T,C or G

<400> 96  
 tggatccatc gattcaattc ggcacgaggt tatttttaag aacttttgct tactatatgt 60  
 gatttacctg cgggtgtgagt agcttttaaat gtttgtgttt atacagataa gaaatgctat 120  
 ttctttctgg ttctgtcagc cattgaaaaa cctttttcct tgcaaattat aatgtttttg 180  
 atagattttt atcaactgtg ggaaacccaa cacaaagctg ataacctttc ttaaaaacga 240  
 cccagtcaca gtaaagaaga cacaagannn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnng 418

<210> 97  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 97



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<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 101
ggcacgagga aagtaaacgt gtatctcttg ttcattttta tagaactttt gcatactata      60
ttggattttac ctgcggtgtg actagcttta aatgtttgtg tttatacaga taagaaatgc      120
tatttcttttc tggttcctgc agccattgaa aaaccttttt ccttgcaaat tataatgttt      180
ttgatagatt tttatcaact gtgggaaacc aaacacaaag ctgataacct ttcttaaaaa      240
cgacccagtc acagtaaaga agacacaaga nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nn              412

<210> 102
<211> 414
<212> DNA
<213> Homo sapiens

<400> 102
ggcacgaggt cttgtccaca tgttgtacta ctctctcttg gatgtcactt gtcacctcta      60
ccagccctcc tttctccaga tggcttcttc ataaccacca ggtcagaaga ggatccgttc      120
caatgatttt cctaaaacaa tgggaagtgt ttccaaagag cttataaggc attgtaggat      180
ctggcctgcc ctgactccac tttaccagaa ccatctgctg ctcttctctc ttgtgttact      240
caaggtatta gctgctgtgg caaatcaact ctgaaatctc cgtgacttaa tacaagagag      300
gtttatttct tactcacgct ggggtgcactg ccacttggtg acagaggagc tatggaaact      360
tgagacctaa gcagaaatga gttcaataat attgctacac tctaggactt tctc              414

<210> 103
<211> 410
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 103
ggcacgagga agagccggga ggatgtattg gttgttagga aaatgtaggc taccagtaga      60
aaatgacatt ctctattaat aagatctgag gtgcgacaca cataattgtc ccaattttta      120
agattgatgg ggagcatgaa gcattttttt aatgtgttgg caggcccat taaatgcata      180
aactgcatag gactcatgtg gtctgaatgt attttagggc tttctgggaa ttgtcttgac      240
agagaacctc agctggacaa agcagccttg atctgagtga gctaactgac acaatgaaac      300
tgtcaggcat gtttctgctc ctctctctgg ctcttttctg ctttttaaca ggtgtcttca      360
gtcaaggagg acaggttgac tgtggtgagt tccaagacac ccaaggctan              410

<210> 104
<211> 411
<212> DNA
<213> Homo sapiens

<400> 104
ggcacgagat acgaatgggg tgtatttttc gactgctcgc aggcaccccc aggttatgtg      60
gacagagcta agcccaaagt tgtgattttc cactctgttc tgtccatgtc gagggaagat      120
aagtagaaag tgacacagta agagccagaa tacaccaggt gaaggagaga attgcattgt      180
gttttgagaa gtttactga caagttatcc tgggctgtgg gacatcacta gctttgaaag      240
tgtagctggc acctcgtcca tctaatttga tgggtgtgtg tggggtgttg tgcacgcgtc      300
gggtcaacat atctgaaccc aggtgatttc tgttctcagg acgcttttag gtgacaagga      360
tcaggcatgt gaacaaataa ccatactgta aagctggctg tgctgggtct c              411

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<210> 105
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 105
ggcacgagga agattctcgc agtcctgggt tctccctcca gaagaccccc caccctaatg      60
ctctgtagct cctggtagtg ccctgacccc tgctgccacc gtccttcaga gagcaacgga      120
agagcttccc ggagggcgag gaaaagaggg aaagtagcca gcaatgtcga acgcaatgta      180
taataagatg tggcatcaga cccaagaagc cctcgggtgct ttactcgata aagagcctca      240
gaagatgatt gaaccacaaa gaaatcaggt tttcatcttt caaacattag ccaccttcta      300
cgtaaagtat gtgcagatct ttagaaacct agagaatgtc tacgaccagt tcgtccaccc      360
ccagaaacga atactgatca ggaaagtctt ggacggngtg atgggccgca tcc              413

<210> 106
<211> 412
<212> DNA
<213> Homo sapiens

<400> 106
aggatcccat cgattctaata tcggcacgag ctccataagg cagaggtcta tgcgaggacg      60
cccggctgga ccacgagacc gccattgat tgcgctggga caagaattcc ttatctttgg      120
aggcagtga aacgactaata gctaaaggta atacagaaga actacgaaaa tgttttgggg      180
tccgaatgga gtttgtgaca gctggcctcc gagctgctat gggacctgga atttctcgta      240
tgaatgactt gaccatcatc cagactacac agggattttg cagatacctg gaaaaacaat      300
tcagtgactt atagcagaaa ggcacccgga tcagttatga cgcccgagct catccatcca      360
gagggggtag catcaaaagg tttgcccgcac ttgctgcaac cacatttatc ag              412

<210> 107
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 107
ggcacgagga aaaaccagtt tctcttttat tgtctgttac taatctctat tctaaagatt      60
cagctcaatt ctcaaccata ctccaaactc tctcttttcc agctaccttt actccctctc      120
cttcaattcc actttcctct gcttacnnnn nnnnnnnncnn nnnnnnnnnnn nnnnnnnnnn      180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnngggn      240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn naatgttttt      360
tttcattaaa gagagaaatc acctattcag gaccggcccc cacctttg              408

<210> 108
<211> 405
<212> DNA
<213> Homo sapiens

<400> 108
ggcacgaggc ttacaggggt gaccagggcc cttcctaact cgaccgcatg tggattgggt      60

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gctggccttg	gagggaggct	gtccgatgct	gacattcccc	ttaacatggc	cctgaccgtg	120
gctgtcagg	gccaccttgc	ctcaccaggc	cagccccact	gggaatggg	tcagtcacag	180
cagaaccgtc	caaagggtga	cctgatgtgg	gccctgccgg	gggcgcttgg	cctcagcggg	240
ccatgggaga	cccagtga	cgactctagt	gtgaggcagt	ggctctgcca	ctgactgaca	300
aaccctcttt	gtaagcaaac	ttgacaaata	atgaatctac	tgaactctgt	tatagaacaa	360
gctcattctg	catgaacttc	tcttattgaa	gcagaagcca	cgtea		405

<210> 109  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(403)  
 <223> n = A,T,C or G

ggatcccac	gnttcgnatt	cggcacgagg	caaccagctc	gtccagcgcg	tggccctgct	60
gctcaaggag	cagactgcgt	acccccgac	acactacatc	cggagggtgc	cccagaggaa	120
gatccactac	ttcacgggcc	tgcaggcgct	tcagctgctg	ctgctgtgtg	ccttcggcat	180
gagctccctg	ccctacatga	agatgatctt	tcccctcatc	atgatcgcca	tgatcccat	240
ccgctatatc	ctgctgcccc	gaatcattga	agccaagtac	ttggatgtca	tggaagctga	300
gcacaggcct	tgactggcag	accctgcccc	cgccccattc	gccagccctc	cacgtactcc	360
caagctggct	ctggaactgt	gaggggaagg	ggaagatgtg	tgg		403

<210> 110  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

ggcacgagtc	tgcttctgtc	actgtcacat	agacagccct	gcatgcccc	tgtctcacac	60
aggttgtaat	gaagacagct	ccttctcatc	tttcataag	cctgagatac	aagttcagg	120
actcagcaat	gcactttagg	actgagctag	gaggcaaata	tctgaagctt	gctatgctgt	180
tctttccatt	ccttttcctt	ctgaaacaca	caaataacca	aaggaaactta	cgcaacacac	240
cactgagtc	tctaactaat	catatgtgct	cagacacagc	tcaagcacac	cccttagtta	300
agaaagaacc	tccatataca	ttaatttttt	tctgcctaaa	aataaaattg	cgttgtggca	360
gcaatttgga	aactacagca	aagtctccaa	aaaaatc			397

<210> 111  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(401)  
 <223> n = A,T,C or G

ggcacgagag	ccgttgcctt	caccgccctt	tctcctttta	tcctttttta	aacgctcttg	60
ggggttatgt	ccgctgcttc	ttgggtgccc	agacatatag	atgggtggtc	cgggccagcc	120
cctcctctcc	ccgccttctg	ggaggaggag	gtcacacgct	gatgggcact	ggagaggcca	180
gaagagactc	acaggagcgg	gctgccttcc	gcctggggct	ccctgtgacc	tctcagtc	240
ctggcccgcc	cagccaccgt	ccccagcacc	caagcatgca	attgcctgtc	ccccccggcc	300
agcctcccca	acttgatgtt	tgcgttttgt	ttggggggat	atttttcata	attatttnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	c		401

<210> 112

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<211> 401
<212> DNA
<213> Homo sapiens

<400> 112
ggcaccgaggg cagtccagca acaagccttt catttacatt aaattataac ttttcattca      60
ttcctaaacc aaacttaaaa ttctgctttc ctttgagtag aaggatatta acttgttttg      120
tttttccttc agaaggaatt taatgcaaac ggattgcagt cagcactttc tgaatgtttt      180
cacacagtat gcaaagctta catcatacca aggagtggag agttgaagtt tcttcccagt      240
gactccagt acagaccaca cctagaaagc gtttctcttc ctgagtattt caaaaagatg      300
taaaagagct ggggagagta tgggaagaaa caatacagga ttgcctttaa ttaattaaga      360
attgcctcct gataaaagga aaaagaaatt aatgctggag g                                401

<210> 113
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 113
ggcaccgaggg cccacggggc ccatctcccc acaggcattg agggtaactg gggtaggctc      60
ctggagcagg tgggcacccat ggctttgttg gccagccaaa gggaaaagga ggtgcttagg      120
agggaaaggg cagtggaatg gcgggagagg gctgtggaaa aaaggagcg agccctggag      180
gaggtggaaa gggccatcct ggagatgaag tgggaaggtga gggctgagaa ggaggcatgc      240
cagcgggaga aagagctgcc tgcagcagta catcccttcc attttgttta aattgggctt      300
ggagaatcta ttctgaaaac attgactcta gacttgtaga anagagccat tttatatttc      360
accttcaatg gtaaaagcaa gggtaatttg gttgacattt t                                401

<210> 114
<211> 399
<212> DNA
<213> Homo sapiens

<400> 114
ggcaccgagag cagaagattc tctcagtcct ggtttctccc tccagaagac cccccaccca      60
aatcctctgt agtcctctgt agtgccctga cccctgctgc caccgtcctt cagagagcaa      120
cggaagagct tcccggaggg cgaggaaaag agggaaagta gccagcaatg tcgaacgcaa      180
tgtataataa gatgtggcat cagacccaag aagccctcgg tgctttactc gataaagagc      240
ctcagaagat gattgaacca caaagaaatc aggttttcat cttcaaaca ttagccacct      300
tctacgtaaa gtatgtgcag atctttagaa acctagagaa tggctacgac caggctcgtcc      360
acccccagaa acgaatactg atcaggaaag tcctggacg                                399

<210> 115
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

<400> 115
ggcaccgaggg tttttccaac ttttaaggat atcaggagag aagacactct tgatgtggag      60
gtttctgcc gtggctacac aaaggaaatg caggcagatg atgaactgct tcatccatta      120
ggtccagatg ataaaaatat tgaaacaaaa gagggatctg aattctcatt ttcagatgga      180

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gaagtggcag	aaaaagcaga	ggtttacagg	tcagaaaatg	aaagtgaacg	gaactgtcta	240
gaagaatcag	agggctgcta	ttgcagatca	tctggagacc	ctgaacaaat	aaaggaagac	300
agtttatcag	aagagagtgc	tgatgcacgg	agttttgaaa	tgactgaatt	caatcaagct	360
ttataagaaa	taaaagggca	ggttggtgaa	aacaactcn			399

<210> 116  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 116	
ggcacgagcg	gaccggggccg
tcttcaagaa	gaaaactgtg
cacagagggc	tataatcaga
tagaaattaa	gaaaatggcc
aacttgtgca	tctacggaaa
ctatgtctac	acaaacaaaa
ccacagcaaa	aacaatgcag
	gcagttaaca
	agaagatggg
	60
	120
	180
	240
	300
	360
	400

<210> 117  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 117	
ggcacgaggg	gagatcgctc
ggacggggtc	ctcactgagg
ccgacagaag	atgcgctggc
atccggagtc	caaggcgaga
ctgccttgcc	ggccccctgca
agggcctctg	tccccagga
ccccctgttg	taggcactgg
	ctctaggagg
	gcaggcctcc
	tt
	60
	120
	180
	240
	300
	360
	402

<210> 118  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 118	
ggcacgaggt	agagatacga
tatgtggaca	gagctaagcc
gaagataagt	agaaagtgc
cattgtgttt	tgagaagttt
tgaaagtgtg	gctggcacct
cgcgtcggcc	tagcagatct
caaggatcag	gcatgtgaac
	atgggggtgta
	caaaagtgtg
	acagtaagag
	cactgacaag
	cgtccatcta
	gaaccaggt
	aaataaccat
	actgg
	gtagccgact
	attttccact
	ccagaataca
	ttatcctggg
	atgtgatggg
	gatttctgtt
	acttgcagggc
	gctcgcaggc
	ctgttctgtc
	ccaggatgaag
	ctgtgggaca
	tggtgtgtggg
	gtgttgggca
	ctcaggaagc
	tttttaggtga
	60
	120
	180
	240
	300
	360
	395

<210> 119  
 <211> 144  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(144)  
 <223> n = A,T,C or G

<400> 119	
ccggtaagga	atatacttct
gggattacaa	ctgtgagggc
	tctgatacta
	aatatgccaa
	tattttaaatt
	gtaatatattca
	60
	120

&lt;210&gt; 120

&lt;211&gt; 392

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 120

```

ggcacgagac caggtcataa gaggatccgt tccaatgatt ttctaaaaac aatggaagtg      60
ttttccaaag agcttataag gcattgtagg atctggcctg ccctgactcc actttaccag      120
aaccatctgc tgctcttctc tcttgtgtta ctcaaggtat tagctgctgt ggcaaatcaa      180
ctctgaaatc tccgtgactt aatacaagag aggtttattt ctactcacg ctgggtgcac      240
tgccacttgg taacagagga gctatggaaa cttgagacct aagcagaaat gagttcaata      300
atattgctac actctaggac tttctccaaa attaacaaca gaacaaaagt gcaaggcagt      360
gataacccat ctgacagcat ttggggagtg tt                                     392

```

&lt;210&gt; 121

&lt;211&gt; 395

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 121

```

ggcacgagat caatcacaaa agtttatcct taagacttcc cttcagctgc tggaaggcag      60
tcatcacatc tgtgaaaaga gtgctagtta taacaaatga gatcacaaat ttgaccattt      120
tattagacac cctctattag tgtaacaga caaagatgaa ggttaagttg aaatcaaatt      180
gaaatcatct tccctctgta cagattgcaa tatctgataa taccctcaac tttcttggtg      240
caaattaatt gcctgggtact cacagtccag tgtaacagg caataatggt gtgattccag      300
aggagaggac taggtggcag gaaaataaat gagattagca gtatttgatt ggagccataa      360
gcataatttg gttccggcgg cggccagggt taaaa                                     395

```

&lt;210&gt; 122

&lt;211&gt; 288

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(288)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 122

```

cgcccgcgcc tctctgttct ctctcgcgcg cgggtgtctct ctcgatagag tgcgcgacct      60
gcacaccctc tgtgtggggg tctcgctccc cgtgtgcgcg cgcgcgcgct ctctgtggga      120
ctcgcacaca ccgcgcgcgc gcgcgctctc tgtggggggg ccctccccgc acctgtgtg      180
tgtgtgtctg tggtatctct gtgagatgtg cgtgnnnnnn nnnntctgt gtgtgtgtct      240
gccctccgcg ccgtgtctgt tatatatgcg ctcgctcgct ggggcgcg                                     288

```

&lt;210&gt; 123

&lt;211&gt; 393

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 123

```

ggcacgagga tccattcttc gacccccaga tgtgactcta aagaaggctg aaaatttttg      60
tccaaattgc catgcagata tcttgaacag caggacattt gcaggccttg tctactggac      120
ttttctccca aacaggacaa gccaggcag ggctgcatgg agaggaatgg aacctggagc      180
tagaattaat tgccactctt cccaccctac cagtgcagcc cggcaagggc aggaattggg      240
aggcctaagg tgggcatgaa agcttgggaa gcactgtcgt ctctcagaca ggcgtcctaa      300
agacctctag gctggaagct tgggcttgca agtggtatccg ggaccgaggg tggctctctg      360
gacaacccca ggaacttggg ccaaggcaga gcc                                     393

```

<210> 124  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 124  
 ccgcgacgag atgatgatct gcttcttcca ttatgccag atgataaaaa ggattgatac 60  
 aaaagaggga tctgaattct ctttttcaga tggagaagtg gccgaaaaag cagagggtta 120  
 caggtcagaa aatgaaagtg aacggaactg cctagaagaa tcagagggct gctattgcag 180  
 atcatctgga gacctgaac aaataaagga cgacagttta tcagaagaga gtgctgatgc 240  
 acggagtttt gaaatgactg aactcaatca agcttttagaa gaaataaaag ggcaggctgt 300  
 tgaaaacacc tctgtaactg aattttctga ggagaaacac cgaacttgaa attcacaccg 360  
 gcctaattgtc caagaattca aggggggggtc cctc 394

<210> 125  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(390)  
 <223> n = A,T,C or G

<400> 125  
 ggcacgagcc cttatacaaa catatatgaa catatatact ttttttgttg tataaaaaaca 60  
 ggatcacatt atagatatta ttctgtaact ttctgttttc acccaaaata cagcagagca 120  
 ctattttcca gaagcacgta gttctaactt nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180  
 nnnnnnnnnn nnnnnaactt tattcaagta cttcacattt taagtggaca ttccatttgt 240  
 ctgctataat ttacaattat agcaataactt tgagaaaggt ctttgcaagt atatccatat 300  
 gaactaatgt ctatgtagaa gatatgctgg ctcaaattat atgtacattt aatgtcttaa 360  
 taaacaccgc tagattactt tccaggaagc 390

<210> 126  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 126  
 ggcacgaggt cagcacacat tactttaaca ctttggactt gaaattctga aagatcagaa 60  
 attccttact gtttgagatg attaggtttt agggactagc cttttatct cacatgactc 120  
 aggccttaat gctccattgc taatagctaa atgtggaaaa gtttagaatt acatttaatt 180  
 tagtcaactg ttaggctgca atcatTTTT tttaaaaatc tgcttatggc attattcgag 240  
 ataacttgac caactctaaa atatatatgt aattacttct agatgtaagt agtttttcat 300  
 attaacaaca caatcaggct ctgtttcagt tagttcttag agtggtgaaa aaaaatcttt 360  
 acagtaagtg caaaattata atccaagg 388

<210> 127  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 127  
 ggcacgagag ttaatccaaa agacttcctt tcagctgctg gaaatcagtc atcacatctg 60  
 tgaaaagagt gctagtata acaaagaga tcacaaattt gaccatttta ttagacaccc 120  
 tctattagtg ttaacagaca aagatgaagg ttaagttgaa atcaaattga aatcatcttc 180  
 cctctgtaca gattgcaata tctgataata ccctcaactt tcttggtgca aattaattgc 240  
 ctgggtactca cagtccagt ttaacaggca ataaggtgt gattccagag gagaggacta 300  
 ggtggcagga aaataaatga gattagcagt atttgacttg gagccatagg catcaattct 360

gctccagctg tcgaccaggt tctaaaaa

388

<210> 128

<211> 267

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(267)

<223> n = A,T,C or G

<400> 128

actgtgtgtg	tgtctgtttt	ctctctctct	cttctcagtc	acactttttt	tttgggacac	60
accctccatc	cgcggggggg	tttttttccc	ggcgcgcgcc	cttttttttt	gtgtgtttct	120
ctgcgcgcct	ctcttttttc	tctctcttcc	ccccccgctt	annnnnnnnn	nnnnnngcgg	180
ggggggtttt	cgcgcgttcn	nnnnnnnnnn	nntctcttcg	cccccccaca	ggggggtgct	240
gtttattatc	tttctttctc	cctgagc				267

<210> 129

<211> 389

<212> DNA

<213> Homo sapiens

<400> 129

ggcacgagct	tgactgcaaa	cttgctgaag	gtagggactg	tttgtcttgg	acttcgctgc	60
cagtccttag	aacagtgtct	gggacacagt	gtgttctcaa	atatttggtg	ctggaataaa	120
tgaatgaact	aaatcagtc	tttagggatt	tactgttaac	caccatggga	aaattaaata	180
aatgcgggga	aggaaaacgt	tctaaaatta	gaagactact	ttctactctc	agcttctgat	240
tccctctgag	ctaagaacca	gacagcctta	ggctggtaac	tcctataagc	tggtcctcct	300
cccatgctga	ccccatcttt	actgtacaat	tcacttttca	tggactgaag	gcaccaccaa	360
gatagatcca	ggagtgacaa	ctccagtgg				389

<210> 130

<211> 319

<212> DNA

<213> Homo sapiens

<400> 130

tgttgtaact	gggagtggag	gcccagtggc	tggggagaca	ttaggtgggtg	gggcccagcc	60
cgacctccag	gttcttcctt	ctccctagct	gttgcttttg	tctggccact	cccagccccc	120
ttgtcccctt	ggaagcttgc	cctgccctca	tcttgcccat	gccttctact	gccaggagac	180
ttgcacccat	ttcaacccta	gggcgggggc	aagtggggca	aggatggacc	agcagaaggg	240
gggtaaggct	ctgttcactt	ccccctgcct	ccacagaacg	aagccacgga	ttccgttata	300
ttcctccagt	tttgttcct					319

<210> 131

<211> 385

<212> DNA

<213> Homo sapiens

<400> 131

ggcacgagaa	acgttttcagc	tacgaaagtg	agctttttcc	aactttttaag	gatatacagga	60
gagaagacac	tcttgatgtg	gaggtttctg	ccagtggcta	cacaaaggaa	atgcaggcag	120
atgatgaact	gcttcatcca	ttaggtccag	atgataaaaa	tattgaaaca	aaagagggat	180
ctgaattctc	attttcagat	ggagaagtgg	cagaaaaagc	agaggtttac	aggtcagaaa	240
atgaaagtga	acggaactgt	ctagaagaat	cagagggctg	ctattgcaga	tcatctggag	300
accctgaaca	aataaaggaa	gacagtttat	cagaagagag	tgctgatgca	cggagttttg	360
aaatgactga	attcaatcaa	gcttt				385

<210> 132  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(383)  
 <223> n = A,T,C or G

<400> 132  
 ggcacgaggg gaatagaggg tccctgggtga cagggcaagg ctagatctgg agcctgcact 60  
 tggcctgtga catactgtct tgtttctgag aatcctcccc tacttctcta gataatctcc 120  
 aaacacttct gtgactactt aatcacaaag gaaattttca ggagatataa tcgaattcta 180  
 ttttacaaaa aaaaagagaa gggatctgaa tgttttcagt tcacgctagg gatcnnnnnn 240  
 nnnnnnnnnc ccaaacctga cgtttgagga cccgcctttt tttcagccaa tttaaaagat 300  
 tttttaaggt ttagggttgg ttggccatta aaccatcccc ggaaagaaaa tgggggtaaa 360  
 agaccaagaa ggaggtcgcc aag 383

<210> 133  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<400> 133  
 ggcacgagat aagatctgag gtgttacaca cataattgtc ccaattttta agattgatgg 60  
 ggagcatgaa gcattttttt aatgtgttgg caggcccat taaatgcata aactgcatag 120  
 gactcatgtg gtctgaatgt attttagggc tttctgggaa ttgtcttgac agagaacctc 180  
 agctggacaa agcagccttg atctgagtga gctaactgac acaatgaaac tgtcaggcat 240  
 gtttctgctc ctctctctgg ctcttttctg ctttttaaca ggtgtcttca gtcaggagg 300  
 acaggttgac tgtggtgagt tccaggacac caaggtctac tgcaactcgg aatctaacc 360  
 acactggggc cttgaatggc ca 382

<210> 134  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<400> 134  
 ggcacgagca agccttttcat ttacattaaa ttataacttt tcattcattc ctaaaccaaa 60  
 cttaaaattc tgcttttctt tgagtagaag gtatttaact tgttttgatt ttccttcaga 120  
 aggaatttaa tgcaaacgga ttgcagtcag cactttctga atgttttcac acagtatgca 180  
 aagctttacat cataccaagg agtggagagt tgaagtttcc tcccagtgac tccagtgaca 240  
 gaccacacct agaaagcggt tctcttcctg agtatttcaa aaagatgtaa aagagctggg 300  
 gagagtatgg gaagaaacaa tacaggattg cctttaatta attaagaatt gcctcctgat 360  
 aaaaggaaaa agaaa 375

<210> 135  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 135  
 ggcacgagac ctgttttgagg tggaactcca agcagctcgc accttggagc gactggagct 60  
 ccagagtctg gaggcagctg agatagagcc ggaggcccag gccagaggt cggccaggcc 120  
 cacgggctca gatctgctcc ctggagcccc catcctcagt ctgcgcttct cctacatctg 180  
 ccctgaccgg cagttgcgtc gctatttggg gctggagcct gatgccacg cagctgtcca 240  
 ggagctgctt gccgtgttga cccagtcac caatgtggct gttccctgc aggatctgag 300  
 tggcatagag ctgggcctgg caggccagag cctgcggtca gaggggcag ctggggcggg 360  
 ccgctgtgtg ctgctg 376

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<210> 136
<211> 371
<212> DNA
<213> Homo sapiens

<400> 136
ggcacgaggt cacctctacc agccctcctt tctccagatg gcttcttcat aaccaccagg      60
tcagaagagg atccgttcca atgattttcc taaaacaatg gaagtgtttt ccaaagagct      120
tataaggcat tgtaggatct ggcctgccct gactccactt taccagaacc atctgctgct      180
cttctctctt gtgttactca aggtattagc tgctgtggca aatcaactct gaaatctccg      240
tgacttaata caagagaggt ttattttcta ctacagctgg gtgcactgcc acttggtaac      300
agaggagcta tggaaacttg agacctaagc agaaatgagt tcaataatat tgctacactc      360
taggactttc t                                     371

<210> 137
<211> 258
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 137
cagtttcttt gtgcgcgcgc cccccctttt ttctctctct ctccgcgcgc gcggtgtccct      60
ccnnnnnnnn nnctgtgtgt gcgctctctc cgccccatat atattgtgtt tttctctgtg      120
gannnnnnnn nntctctcta gagtcttttc tctccctcgc cgcgcacatt gttatacact      180
cctcccctct ctttcttttt acacacacat atatatgtcg cccctctccc cccacacatt      240
tatatctctc tcacatct                                     258

<210> 138
<211> 368
<212> DNA
<213> Homo sapiens

<400> 138
ggcacgagac attttgagac ttcttccaaa ttgggtcccta gaaagttaca ctggtttgta      60
ctctcactta tgtcactggt tataaccacca ctgactgctg cctgctttat tatttcttta      120
atgagttgga ctgaacagtg gttaatcctg actctgtttt tgactgacag ttaacagtta      180
catgaacctt tcatattaca gctcttactt aaatttgacc aagccaggat atatctgtta      240
ggccacattc atttagggat catgttttcc aaagcagggt tgggcaaaat taatccacag      300
gactgaaagg tatacatctg tgagttttgt tctcacttcc acctctaatt tgaagaacac      360
tttaattg                                     368

<210> 139
<211> 372
<212> DNA
<213> Homo sapiens

<400> 139
acggcacgag ctggctcctc gttttctttg tggacagtct cattaccaac atcctcgttc      60
gggtctagga tgcctttctg ctcgagggga ccaacgcggc gattcgctat gccttggcca      120
ttatcttgta caacgagaag gacatcttga ggctacagaa tggcctggaa atctaccagg      180
acctgcgctt cttcaccaat accaactcca tcagccggaa gctgatgaac attgccttca      240
atgacatgaa ccccttcgcg atgaaactat tgcggcagct gtgcatggcc caccgtgagc      300
ggctggaggc tgatctgccg gagctggagc aacttaaggc aaagtacctg gctaggcagg      360
catcccggcg ca                                     372

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<210> 140  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 140  
 ggcacgaggc tgagagtgcg tgatacaccc ttgaatcccc tcttatatga tgccccagcc 60  
 caggagagat aaaagcatca gcacccatgag attcacctgc ctctgggtcg tagggaacaa 120  
 tggaggcctg cgatttggag ttaaactctc agtgatctct gtgttgacaa caccaaagct 180  
 agaggaatcc agtaggatgt gggcatgggt ttcccggaag gctgactgag cagtctgca 240  
 aatgtttgca agtacagggc agaatttcat ccagcctcag aaccttgagc caagactcag 300  
 catcagcaaa gccaaaagtt tcatttcttt gactgtggga gtgctagtcc caacctttag 360  
 atggc 365

<210> 141  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 141  
 ggcacgagaa acaaaagaga gcaagagaga agacagtggg tgaagtcctg gttccagact 60  
 cccctttttg ccgggatatg atggatctgt cagctgggtg ggccctctta agaggggtgg 120  
 tatcttcggg ccagggtgct agagtccctag agagctagag atggagggaa attcagatca 180  
 tctaaacctt tcagcccttc actggacaga agaggaaact gaggtccat ctgcatgacg 240  
 ttcccagagt cacggcacia attcatggaa gaagcagcag gaaactcagt tctccagtct 300  
 ggggtccaatg tgtgttttag aaatatctcc acagggttaa tgactcaatt ttt 353

<210> 142  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 142  
 ggcacgaggc cactcggggg ccaggaacc cctcagttag ggcttctcag tcaactgagcg 60  
 gaaggtgccc ccagaggggg cagccgcctg tgaggagcag gcgtgtctgg gtaaccatgt 120  
 ggctcctgct ggccctccct gcctgtcccc aaagcacagg gctcagctcc agagggagac 180  
 gggctgggct gtcagtgggt ccaggtgcat cccactttcc agcagcactt ggtgccagca 240  
 gaggtgagc gtgtggcagg agggggccca gccgtgaggg caccagggtc agggccggca 300  
 tctcagggtg gagagccagg gctgtcctga acctccagag ggggtgagct gg 352

<210> 143  
 <211> 470  
 <212> DNA  
 <213> Homo sapiens

<400> 143  
 gacttctgtc ttttttaggat cccatcgact tcaattcggc acgagggtcat gagaaaggaa 60  
 ccaatggagt atgagaagtt tccagtgaag aacagaaaga atccagtaga atttatattag 120  
 ggaagaggaa aagatgtgtt cgggggtggc ttggaagtga acgttgaagg actactgaga 180  
 ttggttcaag aaactgtgaa gggaaagaaa ggggttatact gagaaatgga agagataatt 240  
 ttagaaactt gcgaaaaatg gcttaatcta aatgagtgtt aggggagata cagctgtgat 300  
 gataggttga gctcacatgg tggagagcca cagttgcggg tgcttgact gataatgtga 360  
 gggcatggag acagacaata agttgaatgc tcttttttta acaaagggaag ctaaaaggga 420  
 gggggatgct aatttgatca atacgttttg gaaaacttat attttcttgg 470

<210> 144  
 <211> 456  
 <212> DNA  
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

<400> 144
tagcactttt gtttaggagg accccatcga ttcgaaattcg gcacgagctg cactgagcag      60
caccggtgtt cttcatccgg ctgcaccccc aacagagctc tttcttcccc agatcccttt      120
tacagttgga ttctccctct tggatctggc tctgccttag tccgacctag agggatcagc      180
ttcgcccacg ccactctca cccggaacct ttcatctctt attgaagcct tttaggccca      240
ttgggatgtt cattagaact ctgaaaacta cagttctccc ctttatgagg actgcaccac      300
agctcgccct ctctgggtt ccgcctggtt gcagagttag cccatgggac agccctctga      360
aattatactg cttacaacca tgctgagtct gcaaggactt cgtccaagcc tttccgtcca      420
ggacctcaaa cagatccaat cacaagaaga gagatn                                     456

<210> 145
<211> 464
<212> DNA
<213> Homo sapiens

<400> 145
atcgcccata cggcgagccc accgacgcga attcggcacg aggggaaaca caggcctctt      60
ctgcttttag gaccctcccc ctgccttgca gggggctcgg ggagagcaat atcaggagct      120
agggcttgct gctgccaca ctctgcttt ttgggatac taactgctaa ggagggagtt      180
gacatcccc ttctggctca tgtgtctgac accaacaaca tgggctctgt ccctctctct      240
ttgactctcc ctttgtctc cccatacagc tggggtgggg tggatcccta tacctggggc      300
aggcagcccc aaagtgtgtg agggggatgg caaagactgt ataggcgcca ctggactctg      360
gcaaggcctt tattaccttt actccccttc ctctcccatc accagcctca aggcctgagg      420
tgtgcagggg ctctggcag ctactgagtg aggggttcctg gtcg                                     464

<210> 146
<211> 448
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 146
ggcagagct gactgagca gcaccggtgt tcttcatccg gctgcacccc caacagagct      60
ctttcttccc cagatccctt ttacagtgg attctccctc ttggatctgg ctctgcctta      120
gtccgaccta gagggatcag cttcgccac gccactctc acccggaacc tttcatctct      180
tattgaagcc ttttaggccc attgggatgt tcattagaac tctgaaaact acagttctcc      240
cctttatgag gactgcacca cagctcgccc tctctgggt tccgcctggt tgcagagtga      300
gcccattgga cagccctctg aaattatact gcttacaacc atgctgagtc tgcaaggact      360
tcgtccaagc ctttccgtcc aggacctcaa acagatccaa tcacaagaag agagatttca      420
ggaaagagaa nattattcct atcatcgn                                     448

<210> 147
<211> 439
<212> DNA
<213> Homo sapiens

<400> 147
ggcagagga aagttaagca actacaggaa atggcttttg gagttccaat atcagtctat      60
cttttattca acgcaatgac agcactgacc gaagaggcag ccgtgactgt aacacctcca      120
atcacagccc agcaagctga caacatagaa ggacctatag ccttgaagtt ctcacacctt      180
tgcttgaag atcataacag ttactgcatc aacggtgctt gtgcattcca ccatgagcta      240

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gagaaagcca tctgcaggtg ttttactggg tatactggag aaaggtgtga gcacttgact      300
ttaacttcat atgctgtgga ttcttatgaa aaatacattg caattgggat tgggtgtgga      360 -
ttactattaa gtggttttct tggtattttt tactgctata taagaaagag gtgtctaaaa      420
ttgaaatcgc cttacaatg                                     439

<210> 148
<211> 334
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

<400> 148
ccccgcgcgc gctccctctc tatctttttat acaaaatata gagagcgcac atctctgtgt      60
gtgagagagt ctgtgcgcgc gcgcataatat atatgggagg ggtgtctccc cccatctgtg      120
tgtctctcct cttgcggggc atatgcgtgc gcacaccgcg gcgctgtgtc tcttttgtgc      180
cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnncg cgcgcacaca cccacacacc      300
gtgtgttcta cagcgcgata aagagagaca caca                                     334

<210> 149
<211> 428
<212> DNA
<213> Homo sapiens

<400> 149
ggcacgaggt cctgagcagc ctcatgggag gtgaattaga gaaaacaaaa gagagcaaga      60
gagaagacag tgggtgaagt cctggttcca gactccctt tttgcgggga tatgatggat      120
ctgtcagctg gtgcctagag tcctagagag ctagagatgg agggaaattc agatcatcta      180
aacccttcag ccttctactg gacagaagag gaaactgagg ctccatctgc atgacgttcc      240
cagagtcacg gcacaaattc atggaagaag cagcaggaaa ctacagttctc cagtctgggt      300
ccaatgtgtg ttttagaaat atctccacag gggttaatgac tcaatttttc atgcatgatt      360
gctagtaatg acaatcatgt tatgtttggg tctgtagctt tggaaatcac tccttccact      420
tgagtttc                                     428

<210> 150
<211> 427
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 150
cgccccaaan nnnaatctct aaaggggtaa gggagatacc taccttgtct ggtaggggag      60
atgtttcgtt ttcattgctt accagaaaat ccacttcctt gccgacctta gtttcaaagc      120
ttattcttaa ttagagacaa gaaacctgtt tcaacttgaa gacaccgtat gaggtgaatg      180
gacagccagc caccacaatg aaagaaatca aaccaggaat aacctatgct gaaccacgc      240
ctcaatcgtc cccaagtgtt tcctgacacg catctttgct tacagtgcac cacaactgaa      300
gaatgggggt caacttgacg cttgcaaaat taccaaataa cgagctgcac ggccaagaga      360
gtcacaattc aggcaacagg agcgacgggc caggaaagaa caccaccctt cacaatgaat      420
ttgacac                                     427

<210> 151
<211> 437

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<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(437)  
<223> n = A,T,C or G

<400> 151  
ccgagccgga tgnccctnnn gagtatngca angattccaa ttcggcacga gagacagtgg 60  
catggagctt tgaaagacga gtaggtgtta gcaaggaaat aaggaggaac gggggttacg 120  
ggcagaggag aaagcacatg ccaagtcagc aaagaaaagt agaattcgaa aactttttta 180  
aaatattact aaggattttc acaatgctgc actgggctag aaactgaagc taaaacagat 240  
acgtgggtccc tgctgctatg gggcttacgt tctacaggca aggacaggtt gtgatgaggg 300  
ttctgaagga tagagaccaa gcatggaggg tgttgaggag gcttctgcga gacctgaatg 360  
atgggaagcc acgaagtggg aggggtgggg gtccaggctg gaggggcca atgtatgtgt 420  
agagggacta cagccct 437

<210> 152  
<211> 425  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(425)  
<223> n = A,T,C or G

<400> 152  
ggcacgagct gcaactgagca gcaccgggtg ttttcatccg gctgcacccc caacagagct 60  
ctttcttccc cagatccctt ttacagttgg attctccctc ttggatctgg ctctgcctta 120  
gtccgacctc gagggatcag cttcgccac gccactctc acccgaacc tttcatctct 180  
tattgaagcc ttttaggcc attgggatgt tcattagaac tctgaaaact acagttctcc 240  
cctttatgag gactgcacca cagctcgccc tctcctgggt tccgcctggg tgcagagtga 300  
gcccattgga cagccctctg aaattatact gcttacaacc atgctgagtc tgcaaggact 360  
tcgtccaagc ctttccgtcc agggacctca acagatccaa tcacaagaag agagatttca 420  
ggaan 425

<210> 153  
<211> 421  
<212> DNA  
<213> Homo sapiens

<400> 153  
ggcacgagcc gtggctgcct cgtgagcctc ccagagccca ggccctccgtg gcctcctcct 60  
gtgtgagtcc caccaggagc cacgtgcccg gccttgccct caaggatttt tgcttttctc 120  
ctgtgcacct ggcgaggctg aaggcgaggg gtggaggagg cccagcaca gcctcatctc 180  
catgtgtaca cgtgtgtacg tgtgtatgcg tgtgtgtacg tgtgtatgcg tgtgtgtacg 240  
cgtgtgtacg tgctgtgtga cacatgcgtg gccgcctgtg gtgtgcacgt gtgctctggg 300  
ctccgaggct tctccagagc tgggagctgg ctggcgtggc aagggcagtc tctggggcag 360  
tgtgtccctc aggaaccagg gtcctccctc ccctttctgc ctggtcagcc ccgtggcctc 420  
t 421

<210> 154  
<211> 423  
<212> DNA  
<213> Homo sapiens

<400> 154  
ggcatgagtg gaaggaggc agctgccttt gtttgccatg gatgggtagg ggctgcactg 60

agcagcagcg	gtgtttcttca	tccggctgca	cccccaacag	agctctttct	tccccagatc	120
ccttttacag	ttggattctc	cctcttgat	ctggtctctgc	cttagtccga	cctagaggga	180
tcagcttcgc	ccacgcccac	tctcaccgg	aacctttcat	ctcttattga	agccttttag	240
gcccattggg	atgttcatta	gaactctgaa	aactacagtt	ctccccttta	tgaggactgc	300
accacagctc	gccctctcct	gggttccgcc	tggttgcaga	gtgagcccat	gggacagccc	360
tctgaaatta	tactgcttac	aaccatgctg	agtctgcaag	gacttccgcc	aagcctttcc	420
gtc						423
<210> 155						
<211> 312						
<212> DNA						
<213> Homo sapiens						
<400> 155						
tctgtcactc	acaaaacaca	gtgcgcgcac	atagcggggg	gggagcacac	acacaagatg	60
tgtgtgtata	caaccgcgc	gcgagagagc	gctctctttt	gtggggggga	aaaaaactct	120
tatacacaca	cgtgtgtgtg	tgtcgcctctc	cgaaaataca	cactataaca	aacgcactgt	180
gtgtgtgaga	cacacactcc	tctctccgag	tggggagaga	gagatcgcgc	tccactctta	240
aacacatatg	cgctcacaga	gagcatatat	atgttttttt	tgagagaaga	gagagatctc	300
tttgtggttt	ct					312
<210> 156						
<211> 428						
<212> DNA						
<213> Homo sapiens						
<400> 156						
tgaccttcca	ggctacctac	gcaggtgtcg	gggccaacaa	gcacctgcag	gagctggccc	60
aggaggaggt	gaagcagcat	gcccaggaac	tctgggctgc	ctacaggggt	ctgctgcgag	120
ttgccttaga	gcgcaagggc	caggccctgg	aggaggatga	agacacagag	acaagggacc	180
tccaggtgca	tggattgggt	ctgccccctca	tgctgcccag	cttctactca	gagctcttca	240
cgctctacct	gctgcttcat	gagcgggagg	acagcttcta	cagccagggc	attgccaact	300
tgagcctctt	tcctgatacc	caactgctcg	agtctctgga	tgtgcagaag	cacttggtggc	360
ccctcaagga	cctcacgctg	acgagcaatc	agagggtactc	cctggtcagg	gacaagtggt	420
tctgtca						428
<210> 157						
<211> 430						
<212> DNA						
<213> Homo sapiens						
<400> 157						
ggcacgagag	gactttgagc	ccagagagat	gaagtcattt	gctcaaggca	gcagtcagtg	60
gaagggcttg	gagaaggaga	aggggtctga	aggtggtgtg	ggacacatga	gagtgatctc	120
gcagcttggt	ttgctgcagc	agactcggac	aagcattgtt	tcagtgcctg	gtttctccct	180
ccacttgatg	ggggccaact	ccaacccaat	gtcccattcc	tatcctgaaa	tgcttctaaa	240
ggcagtgccc	tgagaaccac	caacctcaca	gcctgtctcc	attttattgt	cttctgggaa	300
cttctccctt	ctgtctagca	cctgtttgca	ctgggattgt	cctgtctgtc	cttcagttgg	360
atcctggttt	gcacccgatg	aggatttagc	aatttttaggc	tgtgcttcgg	caaaggccaa	420
ctcacaatgg						430
<210> 158						
<211> 405						
<212> DNA						
<213> Homo sapiens						
<400> 158						
ggcacgaggg	aagatttcca	gtggtctcaa	tgggtgtgaat	cctatgaagg	tgtcttattt	60
gttgaattag	agtgaaagc	ctccttcctc	actctttttt	agaaacagtt	tagttttatt	120
attatgcaga	atttggtgag	caaattgcaa	cagcccaagc	cacagctagc	tccacaagag	180

cccttccatg	agccctcaac	ctgggatctc	gtgtatcttt	gttggaatgg	acattagggt	240
tccaagtcca	ggcctgtgat	ttagaagggt	cagggttgggt	aggagagagg	agagtcttgg	300
aggggctgct	ccatgggggt	cacacctctc	tcctgtgggt	tttcgctggg	gattgagttc	360
tgaggcattt	gctgcattga	ctgttgtage	tttaactcgt	gtgca		405

<210> 159  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

ggcagcagcc	tgactcaagg	ggttttggaa	gatttccagt	ggtctcaatg	gtgtgaatcc	60
tatgaagggt	tcttatttgt	tgaattagag	gtgaaagcct	ccttcctcac	tcttttttag	120
aaacagttta	gttttattat	tatgcagaat	ttgttgagca	aattgcaaca	gccaagcca	180
cagctagctc	cacaagagcc	cttccatgag	ccctcaacct	gggatctcgt	gtatctttgt	240
tggaatggac	attaggtttc	caagtccagg	cctgtgattt	agaaggggtca	ggttgggtag	300
gagagaggag	agtcttggag	gggctgctcc	atgggggtca	cacctctctc	ctgtgggttt	360
tcgctgggtg	ttgagttctg	aggcatttgc	tgcattgact	gtg		403

<210> 160  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(417)  
 <223> n = A,T,C or G

gttctgtggg	aatagagggg	ccctggtgac	agggcagggc	tagatctgga	gcctgcactt	60
ggcctgtgac	atactgtctt	gtttctgaga	atcctccctt	acttctctag	ttaatctcca	120
gagacttctg	tgactactta	atcacaaagg	aaattttcag	gaatattatc	aaatactatt	180
ttagaaaaaa	aaagagaagg	gatttgaatg	ttttcagttc	agtttagtta	tcnnnnnnnn	240
nnnnnnnccc	caaactccag	aatggggggc	cccccttctt	taaccccacc	taaaaatttt	300
tcggaggttc	agggttgggt	ggcaaattac	aaaaacccca	aaagaaaatg	ggggttaacc	360
cccttggaag	agttttctta	ctttgggggg	tggccctttg	acgtnggccc	gggttac	417

<210> 161  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

ctatatctct	ctgcgcctct	tccccctctt	gtgttttccc	ccgccccctt	agagatatct	60
ctctcactcg	cgggcgcaca	cccccttcta	caaaataggg	ggctctctgt	gtgtgggtgt	120
tttcttgggc	gccccctctt	tttttttctt	tttgcgggcc	ccccctgtgt	tgtctctctc	180
tagacacacc	cccccgcgcg	tgttttttat	aaatatctgt	ctctcacaca	ccccctactg	240
ccccctctgt	tgtgggcgcg	ttccccccca	cacacacaga	gtgtgtgnnn	nnnnnnnnnn	300

<210> 162  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

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<400> 162
ggcacgaggg caccgagcct cctgtgggag gtcccgaggc agcttcgcct gctcggcctg      60
gctgcagccc tcacctgccg cagccttagc tgagcagccg ccgccactgg gcgccccccg      120
ctccccactt cgccagcgcc cgctcctcgg ctcgcccggg ggtagtttgt agggacgcag      180
ctctccacgt gcgcgactgc gaggctggac gctacgggct cctggaaagg agcagacacc      240
agcatttgcc acaatgctgt catccactga ctttacattt gcttcctggg agcttgtggt      300
ccgcgttgac catcccaatg aagagcaggc agaaagacgt ccgcactgag aggattctgg      360
agacccttca cgttggaagg agtgatgctc aaggtagta gaacagatca a              411

<210> 163
<211> 412
<212> DNA
<213> Homo sapiens

<400> 163
gcacgatcca tcattcaatt cggacagcca ctccaactga cctgttcctg ggctgcctcg      60
agagcctccc atagcccagg cctccgtagg cctcctcctg tgtgagtcct accaggagcc      120
acgtgcccg ccttgccctc aagggttttt gcttttctcc tgtgcaactg gctaggctga      180
aggcgagggg tggaggaggc cccagcacag cctcatctcc atgtgtacac gtgtgtacgt      240
gtgtatgcgt gtgtgtacgc gtgtacgcgt gtgtgtacgc gtgagtacgt gctgtgtgta      300
cacatgcgtg gccgcctgtg gtgtgcacgt gtgctctggg ctccgaggct tctcagagc      360
tgggagctgg ctggcgtggc aagggcattgc tctggggcag tgtgtccctc ag              412

<210> 164
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 164
ggcacgagag gatatggtgc aaaaaaatat gattttgtta accacaacaa aaagaaaggt      60
aagaaatgct aggagaaagc taaaagctcc atactaaaat aatggctcta atattaagca      120
aagtaaaatg tggatgatt ttgagtggc agcagagtgt aagaataatc tatttgcact      180
tgatactttc agctgtcaca gaggtcatag aattgggctt attgagaagg aaaggtaaat      240
gctagtacac tacttggctc agaagtgaac aaaattgcag ttggnnnnnn nnnnnnnnnn      300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn n              411

<210> 165
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(415)
<223> n = A,T,C or G

<400> 165
ggcacgagag gatatggtgc aaaaaaatat gattttgtta accacaacaa aaagaaaggt      60
aagaaatgct aggagaaagc taaaagctcc atactaaaat aatggctcta atattaagca      120
aagtaaaatg tggatgatt ttgagtggc agcagagtgt aagaataatc tatttgcact      180
tgatactttc agctgtcaca gaggtcatag aattgggctt attgagaagg aaaggtaaat      240
gctagtacac tacttggctc agaagtgaac aaaattgcag ttggnnnnnn nnnnnnnnnn      300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nngtn      415

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<210> 166
<211> 403
<212> DNA
<213> Homo sapiens

<400> 166
ggcacgagga aggtgtcagg agcatcccat ttgtgtctct ctctctacct ctgtgaaggg      60
cgcgaaatggg cagagcagaa cttctagaag ggaagatgag caccagagat ccctcagatc      120
tgtggagcag atccgatgga gaggtgagc tgctccagga cttggggtgg tatcacggca      180
acctcacacg ccatgtctgt gaagctcttc tcctctcaaa tggatgtgac ggcagctacc      240
ttctgagggg cagcaatgag accaccgggc tgtactctct ctctgtgagg gccaaagatt      300
ctgttaaaca ctttcatgtt gaatatactg gatattcatt taaatttggc tttaatgaat      360
tctcatcttt gaaggatttt gccaaagcatt ttgcaaatca gcg                                403

<210> 167
<211> 407
<212> DNA
<213> Homo sapiens

<400> 167
ggcacgaggg gcgacaagct gttggagctg caatgggccg cggctgggga ttcttgtttg      60
gcctcctggg cgccgtgtgg ctgctcagct cgggccacgg agaggagcag cccccggaga      120
cagcggcaca gaggtgcttc tgccagggtta gtggttactt ggatgattgt acctgtgatg      180
ttgaaacctat tgatagattt aataactaca ggcttttccc aagactacaa aaacttcttg      240
aaagtgacta ctttaggtat tacaaggtaa acctgaagag gccgtgtcct ttctggaatg      300
acatcagcca gtgtggaaga agggactgtg ctgtcaaac atgtcaatct gatgaagttc      360
ctgatggaat taaatctgcg agctacaagt attctgaaga agccaat                                407

<210> 168
<211> 416
<212> DNA
<213> Homo sapiens

<400> 168
ggcacgagac acaactttga gacaccccaa gtgctttctg cagaggttgt cgttgaaaaa      60
ctgtcacctt acagaagcca attgcaagga ccttgctgct gtgttggttg tcagccggga      120
gctgacacac ctgtgcttgg ccaagaacct cattgggaat acaggggtga agtttctgtg      180
tgagggcttg aggtaccccg agtgtaaaact gcagaccttg gtgctttgga actgcgacat      240
aactagcgat ggctgctgcg atctcacaaa gcttctccaa gaaaaatcaa gcctgttgtg      300
tttggatctg gggctgaatc acataggagt taagggaatg aagttcctgt gtgaggcttt      360
gaggaaacca ctgtgcaact tgagatgtct gtggttgtgg ggatgttcca tcctc                                416

<210> 169
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 169
ggcacgagga atctcgcttc tgtctggtgt gttacctact gggggcacag gaacaatttc      60
ctcaaggaga cagtggcatg gagctttgaa agacgagtag gtgttagcaa ggaaataagg      120
aggaacgggg gttacgggca gaggagaaaag cacatgccaa gtcagcaaag aaaagtagaa      180
ttcgaaaact ttttaaaaat attactaagg attttcacaa tgctgcactg ggctagaaac      240
tgaagctaaa acagatacgt ggtccctgct gctatggggc ttccgttcta gaggcaagga      300
caggttgtga tgagggttct gaaggataga gaccaagcag ggaggggtgt gaggaggctt      360

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<210> 170  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(391)  
 <223> n = A,T,C or G

<400> 170  
 ggcacgagaa tagagggtcc ctggtgacag ggcagggcta gatctggagc ctgcacttgg 60  
 cctgtgacat actgtcttgt ttctgagaat cctcccctac ttctctagtt aatctccaga 120  
 gacttctgtg actacttaat cacaaaggaa attttcagga atattatcaa atactathtt 180  
 agaaaaaaaa agagaaggga tttgaatgtt ttcagttcag tttagttatc nnnnnnnnnn 240  
 nnnnncccaa aactcaagat tggggccccc ccctccttta accccgctaa aaagtttttt 300  
 gggggttttag ggtgggttgg caaataacaa aacccccaaa agaaaagggg ggtaaaccct 360  
 cttgaaaaag tttcctaact ttggggggcg c 391

<210> 171  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(391)  
 <223> n = A,T,C or G

<400> 171  
 ggcacgagcc tgcacgacc catttttctt catgacaaac tattggtgca nnnnnnnnnn 60  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnact tagggccact 120  
 catctgtcat ggaaccagaa tctaaatcca aataggctgt tgccagtaca gatggtaagt 180  
 acatgtactt ctggcaggaa agcagaataa aagttgactg aacctgaaag tctcggaat 240  
 ggtcttctca tttctattct gtaaagtgtc acgtcttcta ggcctacctc tgtcaatatt 300  
 gaaatacaaa attaaccttt tctgcttttt atttcacaaa tcaacgggaa cagtcttagt 360  
 catttgtgtt ttatgagttt taattaggcc n 391

<210> 172  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(385)  
 <223> n = A,T,C or G

<400> 172  
 ggcacgagga cagtggcatg gagctttgaa agacgagtag gtgttagcaa ggaaataagg 60  
 aggaacgggg gttacgggca gaggagaaag cacatgccaa gtcagcaaag aaaagtagaa 120  
 ttcgaaaact ttttaaaaat attactaagg attttcacaa tgctgcaactg ggctagaaac 180  
 tgaagctaaa acagatacgt ggtccctgct gctatggggc ttccgttcta gaggaagga 240  
 caggttgtga tgagggttct gaaggataga gaccaagcag ggagggtgtt gagggaggctt 300  
 ctgcgagacc tgaaggatgg gaagccagga agtgggaggg gtgggggtnc aggctggagg 360  
 ggcccaatgt angtgtaaag ggact 385

<210> 173

<211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 173  
 ggcacgagaa aggctggaag ggaggcagct gcctttgttt gccatggatg ggtaggggct 60  
 gcactgagca gcaccgggtg tcttcatccg gctgcacccc cgacagagct ctttcttccc 120  
 cagatccctt ttacagttgg attctccctc ttggatctgg ctctgcctta gtccgacctt 180  
 gagggatcag cttcgcccac gccactctc acccggaacc tttcatctct tattgaagcc 240  
 ttttagggcc attgggatgt tcattagaac tctgaaaact acagttctcc cctttatgag 300  
 gactgcacca cagctcgccc tctcctgggt tccgcctggg tgcagagtga gcccatggga 360  
 cagccctctg aaattatact gcttacaacc at 392

<210> 174  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 174  
 ggcacgagat ggaatgacag ctttttttag tagcatatcc ttgcgctgtg ttagatggag 60  
 tctttgccct gatttccgtc ttttgaaaat ttatctggga tgtggacatc agtgggccag 120  
 atgtacaaa aggaccttga actcttaaat tggaccagca aactgctgca gcgcaactct 180  
 catgcagatt tacatttgac tgttggagca atgaaagtaa acgtgtatct cttgttcatt 240  
 tttatagaac ttttgcatac tatattggat ttacctgcgg tgtgactagc tttaaatggt 300  
 tgtgtttata cagataagaa atgctatttc tttctgggtc ctgcagccat tggaaaaact 360  
 tttttctttg gaaataataa ggtttttgat agat 394

<210> 175  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 175  
 ggcacgaggg cagttagggc tgccatgtgc tgggagctgt gtgtctgtct tccttcgtcc 60  
 gctccccag ggcagtgtgg tagcacatcc cattgtagag atgagggcac cgaggcttcc 120  
 tggagcatac cacctgggtc cgttcatgag tgggtggcaa gctagcactc tcacttgtcc 180  
 attctgcctt cctggagacc agtgggatgg gtcagtacag cccaccacac cattagcccc 240  
 aggaacataa ggctgtggct agacagcagg ggtctcaggt tcatacatga ggactggctt 300  
 gtccttgagc acccactcac ctgtctatgt ggggaggaat cctacaatag gtcaccatgg 360  
 caggctgggg cttgctgacc ctgcccc 387

<210> 176  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 176  
 ggcacgagca gacctccatt acctccatcc ctgttggatt atttaaagaa agcctcagac 60  
 agtaagggct ttttttaaaa gaataaaatg acttggtttg cgcttgggaag caggggaagc 120  
 attcagatga gcggtttctg cattaaccct gcctatcacg catctcgtgt cctgtgtggc 180  
 tggcgagccc ccttgggaag gttctggtgc ttcagctggc tcctgcagag tcaccccgc 240  
 ctctgtgtgg gaatgcagag ccctttgctt tccttcttgc cgctgcttc ctgttcctgg 300  
 ggaccgcgtg ggcttttggg ctgcatcccc tggccaggtc cctcagggtc gatgcgcgta 360  
 gaaggacttt gagcagtggg ggcagcactt gccct 395

<210> 177  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens



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<400> 177
ggcacgaggg acgctgcgga gcccgcctcac ccgctccctg tacgtgaaca tgactagcgg      60
cccggtggg ccggcgggcg ccggcgggcg caggaaggag aaccaccagt ggtatgtgtg      120
caacagagag aaattatgcg aatcactcca ggctgtcttt gttcagagtt accttgatca      180
aggaacacag atcttcttaa acaacagcat tgagaaatcg ggctggctat ttatccaatt      240
atatcattct tttgtgtcat ctgttttttag cctgtttatg tctagaacat ctatcaatgg      300
gttgctagga agaggctcaa tgtttgtgtt ttcaccagat cagtttcaga gactgcttaa      360
aattaatcca gactggaaaa cccacaga                                     388

<210> 178
<211> 397
<212> DNA
<213> Homo sapiens

<400> 178
ggcacgagca ggatccctca gatctgtgga gcagatccga tggagaggct gagctgctcc      60
aggacttggg gtggtatcac ggcaacctca cagcccatgc tgctgaagct cttctcctct      120
caaatggatg tgacggcagc taccttctga gggacagcaa tgagaccacc gggctgtact      180
ctctctctgt gagggccaaa gattctgtta aacactttca tgttgaatat actggatatt      240
catttaaatt tggctttaat gaattctcat ctttgaagga ttttgtcaag cattttgcaa      300
atcagccttt gattggaagc gagacaggca ctctgatggg tctaaaacat ccctacccaa      360
gaaaagtgga agaacctcc atttatgaat ctgtccg                                     397

<210> 179
<211> 397
<212> DNA
<213> Homo sapiens

<400> 179
ggcacgaggg gtggggcgac aagctgccgg agctgcaatg ggccgcggct ggggattctt      60
gtttggcctc ctggggcgccg tgtggctgct cagctcgggc cagggagagg agcagccccc      120
ggagacagcg gcacagaggt gcttctgcca ggtagtggt tacttgatg attgtacctg      180
tgatgttgaa accattgata gatttaataa ctacaggctt ttccaagac taaaaaact      240
tcttgaaagt gactacttta ggtattacaa ggtaaacctg aagaggcgt gtcctttctg      300
gaatgacatc agccagtgtg gaagaaggga ctgtgctgtc aaaccatgtc aatctgatga      360
agttcctgat ggaattaaat ctgcgagcta caagtat                                     397

<210> 180
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

<400> 180
ggcacgaggt cacccttttt gcctccatcc tcaaagacct ggtcttcaag tcatccgtca      60
gctgccaagt gttctgtaag aagatctact tcatctgggt gacgcggacc cagcgtcagt      120
ttgagtggct ggctgacatc atccgagagg tggaggagaa tgaccaccag gacctggtgt      180
ctgtgcacat ctacatcacc cagctggctg agaagtctga cctcaggacc actatgctgt      240
acatctgtga gcggcacttc cagaaggttc tgaaccggag tctattcaca ggctgcgct      300
ccatcaccca ctttggccgt ccccttttg agcccttett caactccctg caggagggtc      360
acccccacgt ccggaagatc ggagtgttta gctgtggcn                                     399

<210> 181
<211> 402
<212> DNA
<213> Homo sapiens

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```

<400> 181
ggcacgaggg tacttcgctc gcaaggatta gtactgcaag gagtatgtgg cagctgtcct      60
ggagcatatc gagaacaaga acctcatgcc acctcttcta gtggtgcaga ccctggccca      120
catctccaca gccacactct gcgtcatcag ggactacctg gtccaaaaaac tacagaaaca      180
gagccagcag attgcacagg atgagctgcg ggtgcggcgg taccgagagg agaccacccg      240
tatccgccag gagatccaag agctcaaggc cagtcctaag attttccaaa agaccaagtg      300
cagcatctgt aacagtgcct tggagatgcc ctcatgccac ttcctgtgtg gccactcctt      360
ccaccaacac tgctttgaga gttactcgga aagcgaagct ga                                402

```

```

<210> 182
<211> 384
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

```

```

<400> 182
ggcacgagag caactcaggg ctgctggggt aactgcttac accatthttcc ttccccctct      60
cttccttgcc ttcgacactc ttaacctgga aaaagcacta atttgtcctc catatctgtg      120
gttttgtcat ttgaaaagggt tgtagaaatc cttagatgat tgacctttta agatgcactt      180
tttagaaaaac tcaacatggt gctcttgtgt taatagtttg ttcttttttag tgttcgggtat      240
tctcttgtgt ggtcatgccc cagtttattt aaccatccca tagatgttta ttttcccttg      300
taaagttggt tagcatgtan nnnnnnnnnn nnnnnnggga aactcattct cnnnnnnnnn      360
nnnnnnnnnn nnnntgccc cttg                                384

```

```

<210> 183
<211> 384
<212> DNA
<213> Homo sapiens

```

```

<400> 183
ggcacgaggg aaggtgaggg ctgagaagga ggcattgccag cgggagaaaag agctgcctgc      60
agcagtacat cccttccatt ttgtttaaat tgggcttgga gaatctattc tgaaaacatt      120
gactctagac ttgtagaaaa gagccatttt agtttcaact caaatgtaaa gcaaggtagt      180
ttggtgacat tttgctttta tgtgaaatag tgcacagtat gagttaatct gagcagggtct      240
gaattgacca aatgcttatt tacgagggtc cttagagctct gctgaccctt ggccgaaact      300
ctaaaatgta cctatttaaag ataaatgctt ctaccaaagt aaaactctgt gagttgtttc      360
agggcagaat gtaccagcca gtca                                384

```

```

<210> 184
<211> 379
<212> DNA
<213> Homo sapiens

```

```

<400> 184
ggcacgagct tcctccagcc tccacagcct tggtcagtg tccctgtgta caagaccag      60
tgacttccag gctcccagaa accccaccct aaccatgggc caaccagaa caccacctc      120
tccaccactg gccaaagaac atgccagcag ctgcccccca tccatcacca actccatggt      180
ggacataccc attgtgctga tcaacggctg cccagaacca gggctcttct caccaccagc      240
gaccaccagga caccagaact ccgttcaacc tggagctgct tctcccagca acccctgtcc      300
agccaccagg agcaacagcc agaccctgtc agatgcccc tttaccacat gccagaggg      360
tacgtcgtaa accaatatt                                379

```

```

<210> 185
<211> 368
<212> DNA

```

<213> Homo sapiens

<400> 185

ggcacgagac	ccggtccagg	tgccctacgt	cggcgcgagc	gcgcggcagg	tggagcacgt	60
gttgtcgctg	ctgcgaggac	gccccgaaa	aacggtggat	ctgggctctg	gcgacggcag	120
gatcgtgctg	gcggcccaca	ggtgcggcct	cgcgccggcc	gtgggctacg	agctgaacct	180
ctggctgggtg	gcgctggcgc	ggctgcacgc	ctggagggcc	ggctgtgccg	gcagcgtctg	240
ctatcgccgc	aaggatctct	ggaaggtaac	ctggggatcc	ctggccacct	gctgacagcc	300
caaggtgcgg	ctgacacctg	cgagggctgg	gggccgggac	tcggaagctg	cgatgacctg	360
gtgcccac						368

<210> 186

<211> 375

<212> DNA

<213> Homo sapiens

<400> 186

ggcacgaggt	ctcacagagc	gagaagggtg	caggagcagc	ccatttgtgt	ctctctctct	60
acctctgtga	agggcgcgaa	tgggcagagc	agaacttcta	gaagggaaga	tgagcaccca	120
ggatccctca	gatctgtgga	gcagatccga	tggagaggct	gagctgctcc	aggacttggg	180
gtggtatcac	ggcaacctca	cacgccatgc	tgctgaagct	cttctcctct	caaattggatg	240
tgacggcagc	taccttctga	gggacagcaa	tgagaccacc	gggctgtact	ctctctctgt	300
gagggccaaa	gattctgtta	aacactttca	tgttgaatat	actggatatt	catttaaatt	360
tggctgtaat	gaatt					375

<210> 187

<211> 368

<212> DNA

<213> Homo sapiens

<400> 187

ggcacgaggc	cgtgcagagc	ctgtatggta	agcccctagg	gggctcaaag	gccggccagc	60
tcccaggaaa	gatgtgcact	gactttgaaa	cctgggactc	ctacagcccc	caagggaaggc	120
gccctgaaac	gcagggccct	aaatactgcc	actcttcctt	cgatgccatc	actgtagaca	180
ggcaacagca	actgtacatt	tttaaaggga	gccatttctg	ggaggcggca	gctgatggca	240
acgactcaga	gccccgtcca	ctgcaggaaa	gatgggtcgg	gctgcccccc	aacattgagg	300
ctgcggcagc	gtcattgaat	gatggagatt	tctacttctt	caaagggggg	cgatgctgga	360
ggatccgg						368

<210> 188

<211> 436

<212> DNA

<213> Homo sapiens

<400> 188

ggcacgagaa	ggggctgggg	tgggctcagg	caaggcctgg	ggccctggcc	ttcttctctg	60
cagggggagg	caggggactg	tgcaggggct	cagggaggcc	tccccacct	gccccctgac	120
cacacccact	ctgatgaggc	tcatggcctc	ctggcaggtc	gacggaggag	atcatcgccc	180
tcttcatttc	catcacgttt	gtgctggatg	ccgtcaaggg	cacggttaaa	atcttctgga	240
agtactacta	tgggcattac	ttggacgact	atcacacaaa	aaggacttca	tcccttgtca	300
gcctgtcagg	cctcggcgcc	agcctcaacg	ccagcctcca	cactgccctc	aatgccagct	360
tcctcgccag	ccccacggag	ctgccctcgg	ccacacactc	aggccaggcg	accgccgtgc	420
tcagcctcct	catcat					436

<210> 189

<211> 435

<212> DNA

<213> Homo sapiens

<220>

```

<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 189
ggcacgagac agaccctttc ttcctaaagg ctttgtggca tcagacacat aaaggggtata      60
tgtagtgtgg agcactaacc atggcagggt aatttattcc aggcacagag tcataattct      120
ggaacatct agactcactg cattaacaga gcattttgtt tctaaagtag acctcttatg      180
tcatccagat ttcactcatt ctgaccacag ccaggaagct gaggggtgaag ccagaattag      240
ctgaaaccca ccaagagctg catagagcac gtttagctag agtaggagtt tgcagtgtct      300
atatgggaaa tgctgctgct atacttttag gaatttctga gtgcaattta gaaacatcta      360
gcacacttga aacactgcgt atcattntcc tctctcatga atatagtcac cagaattcat      420
aaatagttta cctga                                         435

<210> 190
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 190
ggcacgagat taggaccctt ccttggcaca ggggtgagaa agagcttggg gaacgcttgg      60
cattatggag ggctggaagg ggctcaaccc cgatttggag agaagtttgg gatggagtgg      120
gcgagagatt gagagagcga gcaggaaaag aggtccttga gcctgggact gatggtggat      180
aaggcctgga aagaagatga cgaggaggag gagagaggga agtggggtgg atgaggagca      240
ggctgacacc tgggctgccc tcaatcccca aggccaggga gggcgngct ggcccctggg      300
aagaactggg tctctgggct ccctatgcac tgcccaaact ggctgagcca ggagtggggc      360
aggaagtgag agtcaaggcc cagcaaaaag agggggagga gctgccaatt ataaccttgt      420
gganggaccg gtttgng                                         437

<210> 191
<211> 434
<212> DNA
<213> Homo sapiens

<400> 191
ggcacgagaa gaaactgtga agggaaagaa aggtttatac tgagaaatgg aagagataat      60
tttagaaaact tgtgaaaaat ggcttaatct aaatgagtgt taggggagat acagttgtga      120
tgataggttg agctcacatg gtggagagcc acagttgcgg gtgcttgcac tgataatgtg      180
agggcatgga gacagacaat aggttgaatg ctctttttt acaaaaggaa gtgaaaaggg      240
agggggatgt aaatttgata aataggtttg tgaaaactta tattttcttg taaagagaga      300
gaactgagca tgtttaggtg ataaggtaaa aaggcgtgaa gaggaatatt tcgttgataa      360
tgaaagtgag cagctaggga agaaaactcc cagaggaaga gggaggcaag gaaatcaaga      420
acacacttaa agtg                                         434

<210> 192
<211> 323
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 192

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```

gggtctctcg cccccctctc tctcttttgt gtgtctctct ctctgtcccg tgtgtgnnnn      60
nnnnnnnnnt ctctctatat ctgcgcgcgc cgcactcccc tgtgtgtgtg tgaccccgcgc      120
ccctcatgcg ctctctcatt tgtggagaga gagaccgcta tctatctctc tctccccgcgc      180
cctatacaca tctccctctc tgtgaaagag acgtgtgtgt gtctccacac cccttggggcg      240
cgcgcgcgcc accccctctc ctgggggggg tgtcctctct gtatatatat atgtgcacac      300
acgcgcgcgc gctctgtgtt gtt                                     323

<210> 193
<211> 412
<212> DNA
<213> Homo sapiens

<400> 193
ggcacgagaa gggggccgtga cagccgttgc catctgctgc cggagccggc acctggcgca      60
ggcctcccag gagctccagt gacagcccca tcccaggatg ggtgtctggg gagggtaag      120
ggctggggct gagctttaaa atggttccga cttgtccctc tctcagccct ccatggcctg      180
gcacgagggg atggggatgc ttccgccttt cgggggctgc tggcctggcc cttgagtggg      240
gcagcctcct tgccctggaac tcaactcactc tgggtgcctc ctccccaggt ggaggtgcca      300
ggaagctccc tccctcactg tggggcattt caccattcaa acaggtcgag ctgtgctcgg      360
gtgtgccag ctgctcccaa tgtgccgatg tccgtgggca gaatgacttt ta               412

<210> 194
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 194
cgttgctgtc ggtcagcaat gaaataaata tcttgtagaa tgttcnnnnn nnnnnnnnnn      60
nngaaccctc gggggccctt ttttcccgaa acccccactg gaaaaaaacc cttggggggg      120
tggaacaaac cccaataaaa agggggggaa aaaaaggctt tttttgaaa aatggggggg      180
tctttgcttt ttttggaacc ctttaaagcg gggaaaacca ggtaacccc cccagggggc      240
nnnnnnnnnn gtttcagggc cnnnnnnnnn nnnnnnnnt ttttccctn tctcccttct      300
gtctcgccct gctgcgtgc cgttttctcg tccactccc cccgtttttg tactcccccc      360
gtgccgttga gcgtccaccc tattctttcg cgccggtgca cccc                               405

<210> 195
<211> 400
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 195
ggcacgagat taggaccctt ccttggcaca ggggtgagaa agagcttggg gaacgcttgg      60
cattatggag ggctggaagg ggctcaaccc cgatttggag agaagtttgg gatggagtgg      120
gagagagatt gagagagcga gcaggaaaag aggtcttggg gcctgggact gatggtggat      180
aaggccttga aagaagatga cgaggaggag gagagaggga agtggggtgg atgaggagca      240
ngctgacacc tgggctgccc tcaatcccca aggccaggga gggcgngct ggcccctggg      300
aagaactggg tctctgggct ccctaggcac tgcccaaact ggctgagcca ggagtggggc      360
aagaaatgag agttcaggcc caacacaagg agggggaggg                               400

<210> 196

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<211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 196  
 ggcacgagat taggaccctt ccttggtca ggggtgagaa agagcttggg gaacgcttgg 60  
 cattatggag ggctggaagg ggctcaaccc cgatttggag agaagtttgg gatggagtgg 120  
 gcgagagatt gatagagcga gcaggaaaag aggtcttggg gcctgggact gatggtggat 180  
 aaggcctgga aagaagatac taggaggagg agagagggaa gtgggtgga tgaggagcag 240  
 gctgacacct gggctgccct caatcccaa ggccaggagg ggcggggctg gccctggga 300  
 agaactgggt ctctgggctc cctaggcact gcccaaactg gctgaaccag gagtggggca 360  
 agaagtgaga gtcaaggccc aacaaaagga gggggaggag ct 402

<210> 197  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 197  
 ggcacgagct ctcagcggcc gggttctgcg tccgctgccg caggttccac cgcgctccag 60  
 gtattttttt ttctgaagga aagctgcttc ctcatatgtt tcaagaatgg ctctccctat 120  
 cattgtaaaa tggggtggac aggagtattc agtgaccaca ctttcagaag atgatactgt 180  
 gctcgatctc aaacagtttc tcaagacctt tacaggagtt cttccagaac gccaaaagtt 240  
 acttgactc aaagttaaag gcaaacctgc agaaaatgat gttaagcttg gagctctcaa 300  
 actgaaacca aataactaaa tcatgatgat gggaaactcg gaggagagct tggaagatgt 360  
 cttagggtcca cccctgaca atgatgatgt tgtaaatgac t 401

<210> 198  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(397)  
 <223> n = A,T,C or G

<400> 198  
 tgcataattag acattcttaa cagggcggca gtctagtgtt gaaagtttta tttttccatt 60  
 tttcttttaa gcaaatTTTT tttaaaaaat tctgattnnn nnnnnnnnnn nnnnnnnnnn 120  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn tctgatttaa 240  
 ttctttttatt tatacataagg gggttaattc ctgaagtaaa ggtttgcacc tattaactt 300  
 aaaactgccca aatgattttt gttcttttat gtgcgcgata gaaatacaaa gaatggagtg 360  
 gccacctcct ccctttcaag ctagggcagc agggagc 397

<210> 199  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 199  
 ggcacgagaa gaaaggttta tactgagaaa tggaagagat aatttttagaa acttgtgaaa 60  
 aatggcttaa tctaaatgag tgtagggga gatacagttg tgatgatagg ttgagctcac 120  
 atggtggaga gccacagttg cgggtgcttg cactgataat gtgagggcat ggagacagac 180  
 aataggttga atgctctttt tttaaaaaag gaagtagaaa gggaggggga tgtaaatttg 240  
 ataaataggt tgggtgaaaac ttatatatttc ttgtaaagag agagaactga gcatgttgta 300  
 ggtataagggt aaaaaggcgt gaagagggaat atttcgttga taatgaaagg gagcaactta 360  
 gggaaaaaaa cttcccaagg aggaggggag cagggaaa 398

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<210> 200
<211> 394
<212> DNA
<213> Homo sapiens

<400> 200
ggcacgagca gaaggcagcg gtctaggcga ggacgcccgg ctggaccagg agaccgccc 60
gtggctgctg tgggacaaga attccttaac tttggaggca gtgaaacgac taatagcaga 120
aggtaataaaa gaagaactac gaaaatgttt tggggcccga atggagtgtt ggacagctgg 180
cctccgagct gctatgggac ctggaatttc tctatgaat gacttgacca tcatccagac 240
tacacagggg ttttgcatg acctggaaaa acaattcagt gacttaaagc agaaaggcat 300
cgtgatcagt tttgacgccc gagctcatcc atccagtggg ggtagcagca gaaggtttgc 360
ccgacttgct gcaaccacat ttatcagtca gggg 394

<210> 201
<211> 391
<212> DNA
<213> Homo sapiens

<400> 201
ggcacgagca ggcgtgtctg ggtaaccatg tggctcctgc tggcctcccc tgctgtctcc 60
caaagcacag ggctcagctc cagagggaga cgggctgggc tgtcagtggc cccaggtgca 120
tcccactttc cagcagcact tggtgccagc agaggctgca ggtgtggcag gagggggccc 180
agcctgtagg gcaccaggtt caggcccggc atctcagggt ggagagccag ggctgtcctg 240
aacctccaga gggggtgagc tgggaacttg tgtgaagggg ctttttccaa aaggaaaacg 300
ggagcttact ggctcacggc tgatgcccc aacagcctcg aggatctgca ggtccccaga 360
caccaagcct ggggtgctct cagcagacgg c 391

<210> 202
<211> 392
<212> DNA
<213> Homo sapiens

<400> 202
ggcacgagat tctcagtaca ctaaacactt gttaagagtg ttgttaagag ccagagtgag 60
tatcatgttg gacacagacc ctttcttctt aaaggctttg tggcatcaga cacataaagg 120
gtatatgtag tgtggagcac taaccatggc agggtaattt attccaggca cagagtcata 180
attctggaaa catctagact cactgcatta acagagcatt ttgtttctaa agtagacctc 240
ttatgtcatc cagatttcac tcattctgac cacagccagg aagctgaggg tgaagccaga 300
attagctgaa accaccaag agctgcatag agcacgttta gctagagtag gaggtttcag 360
tgctcatatg ggaaatgctg ctgctatact tt 392

<210> 203
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 203
ggcacgagga ggagcccggc ccggaggctg aggcctctggc cgcagcccgg gagcggagca 60
gccgcttctt gagcggcctg gagctggtga agcagggtgc cgaggcgcgc gtgttccgtg 120
gccgcttcca gggccgcgcg gcggtgatca agcaccgctt cccaagggc taccggcacc 180
cggcgctgga ggcgcggctt ggcagacggc ggacggtgca ggagcccgg gcgctcctcc 240
gctgtgcgcg cgctggaata tctgccccag ttgtcttttt tgtggactat gcttccaact 300
gcttatatat ggaagaaatt gaaggctcag tgactgttcg agattatatt cagtccacta 360
tggagactga aaaaactccc cagggtctct cn 392

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<210> 204
<211> 386
<212> DNA
<213> Homo sapiens

<400> 204
ggcacgagaa gccttaaacc gggaaatttc catgctatct agagggtttt gatgtcatct      60
taagaaacac acttaagagc atcagattta ctgattgcat tttatgcttt aagtacgaaa      120
gggtttgtgc caatattcac tacgtattat gcagtattta tatcttttgt atgtaaaact      180
ttaactgatt tctgtcattc atcaatgagt agaagtaaat acattatagt tgattttgct      240
aaatcttaat ttaaaagcct cattttccta gaaatcta atttcagtta ttcatgacaa      300
tattttttta aaagtaagaa attctgagtt gtcttcttgg agctgtaggt cttgaagcag      360
caacgtcttt caggggttgg agacag                                     386

<210> 205
<211> 295
<212> DNA
<213> Homo sapiens

<400> 205
gcgtctctctt cacacacaaa agatatatat atagaaaggg agtgtggata tccccctaa      60
atatgtgagc gtgtctctct cgaccgtctc cccagagaa aatatctcta gagagagcac      120
aagtgtgttc tctgtgtctt gtgtgtgaga aaaaataagt gccgcgcac acatagattt      180
ttatatcgct ccccccgcg cctttatata tgtttttggg gtgtatatat attttataca      240
aaaacatgtt tctttttgag gccccttaca acaaaaattt tgttcttttt gaacc          295

<210> 206
<211> 383
<212> DNA
<213> Homo sapiens

<400> 206
ggcacgaggt taccatcag cccttgcaag tccccactc aggcctctgg aagggtccagg      60
gatgggctct gatgagaggg taaaagatgc tcagggaaac acaggcctca gctgcctaga      120
ggaccctccc cctgccttgc agtgggctcg ggtagagcag tatcaggagc tagggttgtc      180
tgctgccac actcctgctt tttgggatat ctaactgcta aggaggaggt tgacatcccc      240
cttctggctc atgtgtctga caccaacaac atggtctctg tccctctctc tttgactctc      300
cctttgtcct ccccatagag ctgggggtgg gtggatccct atacctgggg caggcagccc      360
caaagtgggg gagggggatg gca                                     383

<210> 207
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 207
ggcacgagct tcaggataag aagctcatgg ccatgttcct agagtataac aaagccatcc      60
ggaactacac ccgcttcgat gactggtacc tgtgggttca gatgtacaag gggactgtgt      120
ccatgccagt cttccagtcc ttggaggcct actggcctgg tcttcagagc ctcatggag      180
acattgacaa tgccatgagg accttcctca actactacac tgtatggaag cagtttgggg      240
ggctcccgga attctacaac attcctcagg gatacacagt ggagaagcga gagggctacc      300
cacttcggcc agaacttatt gaaagcgcaa tgtacctcta ccgtgccacg gnggatccca      360
ccctcctaga actcggaaga gatgg                                     385

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<210> 208  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 208  
 ggcacgagcc tcagctgcct agaggaccct cccctgcct tgcagtgggc tcgggtagag 60  
 cagtatcagg agctagggtt gtctgtgcc cacactcctg ctttttggga tatctaactg 120  
 ctaaggaggg agttgacatc ccccttctgg ctcatgtgtc tgacaccaac aacatggtct 180  
 ctgtccctct ctctttgact ctccctttgt cctccccata gagctgggtt ggggtggatc 240  
 cctatacctg gggcaggcag ccccaaagtg ggggaggggg atggcagaga ctgtaaaggc 300  
 gccactggac tctggcaagg cctttattac ctttactccc ctccctctcc catcaccagc 360  
 ctcaaggcct gagg 374

<210> 209  
 <211> 425  
 <212> DNA  
 <213> Homo sapiens

<400> 209  
 ggcacgagcc caagtgcctt ctgcagaggt tgtcgttggg aaactgtcac cttacagaag 60  
 ccaattgcaa ggacctgtgt gctgtgttgg ttgtcagccg ggagctgaca cacctgtgct 120  
 tggccaagaa ccccatggg aatacagggg tgaagtttct gtgtgagggc ttgaggtacc 180  
 ccgagtgtaa actgcagacc ttggtgcttt ggaactgcga cataactagc gatggctgct 240  
 cggatctcac aaagcttctc caagaaaaat caagcctgtt gtgtttggat ctggggctga 300  
 atcacatagg agttaaggga atgaagttcc tgtgtgaggc tttgaggaaa ccactgtgca 360  
 acttgagatg tctgtggttg tggggatgtt ccatccctcc gttcagttgt gaagacctct 420  
 gctct 425

<210> 210  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 210  
 ggcacgagga gcaaggaagt aatattgtca tatttgcagt tgagaatgat ccctgagtct 60  
 cggttttctt atctatgaaa tgaggctaag aataataaaa tagagaatta aatgagataa 120  
 tgctgtgaaa cagtgcctgg catatagctt attattcatc cagctaagag gcccttccat 180  
 atgtgaagct ttgctctgtg aggtctgtat tacaatcaca ttcagttata gctaattatt 240  
 tacttatgta gctatctctg aaacttagaa atgaaatcat cgaggaaaaa ggccatttct 300  
 tgatcctgtc tgtgttccct gttcccagca taaagcctaa cacgtattag gctaattgtca 360  
 ccgagcaaa gaaagcatcaa agtggcgggt cgggcc 396

<210> 211  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<400> 211  
 tctctagaga cacacagaga ggggtgagcg ctctctcaca cgcaccccag agtcaggcgc 60  
 gcaagctctc tctctctctc tctatccctc agaaagatct tcctttttcc ctctccctgt 120  
 gatgtagtga gagtttgatg catatttgtc cgtgtccgcc cccacagacc ctctacctct 180  
 ctgtgctggc cctatcttgt gtgtatgttt ccctctctct ctgcgcgcc cacacgatgt 240  
 actttcttta tatgtagtgc cagttcc 267

<210> 212  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 212
ggcacgagcc aggaggaccc tcgcttcctc tccgccatgc ttgccacctc ttgcttctga      60
gagtccatct cagttcgcag ttctgtgact tgcattgacc tggctccaat caagctacaa      120
ctcaagcagt cacggggaga aggattgtag atgggccagt gactcacagg gtcaggcact      180
cgggggagcc tgagtcagga ggtcagtgga cctgggaagg gagggggcaa gcctgggtgg      240
gtaaggttct gggccccagg caagaaggca gagtttctcc gcagggggtg gtgcaagagc      300
tagctgcgca gaaggtctcc gctggctctc caagccgggc ttgtgaaata ggaacgcaa      360
catcctctc caccaggcagt ggcaggcacc tctctc      396

<210> 213
<211> 284
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 213
tgggctgtct cggccctcct cctctctctt ttgtactcac agtgaaaaat tatagtgttc      60
gcgtgcgggg cgcgtctttt actttttttt ctctctcaca catatttata tatatagaga      120
gagcctccga gcgctctgcc cccctcctct ctctctctct tcacgtgtgt gcatcaccac      180
ctcnnnnnnn nnnnctcttc cagagatacg ggggcttggt tcctccgctc tctctcacac      240
gtctgtgcag cagaggacta ttttttctt tccccgcgt ctcn      284

<210> 214
<211> 440
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 214
ggcacgaggg attgcagtca gcactttctg aatgttttca cacagtatgc aaagcttaca      60
tcataccaag gagtggagag ttgaagtttc ctcccagtga ctccagtgc agaccacacc      120
tagaaagcgt ttctcttcct gagtatttca aaaagatgta aaagagctgg ggagagtatg      180
ggaagaaaca atacaggatt gcctttaatt aattaagaat tgccctctga taaaaggaaa      240
aagaaattaa tgctggagta tggaggggtg ataaccttaa agattataaa tatttgttgt      300
ctataaatat ttataaatta taaacacaat ataattaaaa ttagaacatc aggaaaagaa      360
ttaaaatcct caggttgcaa aaccaaagt ttaacaaaa caaatactca tgagattcaa      420
ctttgttcac ctatagaaan      440

<210> 215
<211> 439
<212> DNA
<213> Homo sapiens

<400> 215
ggcacgagtg cacaggggac acttacggac acagaaatgc acaggggagg ccgagcataa      60
ccaggggtga ggggcaggca gcagttgtag ttactgccgc ggggcactgc tatgtgcagg      120
gacagccagc acccagccca tcaccactcc ctgggctggc tggcaggtat ggcaccctgg      180
gagcccggca tatacccagg gcacccctac ggctgccgcc agtctcatgc ccaggtgggt      240
gctctgggct ggagcgaggg ccaggttttg ggccgaggct tccccaggca atcctgtgag      300
ctcccttcta gcctctgacc cagtctggtc tggcttgcac ggatgtaggg cttgggggtg      360
gaagttcagg tcctggcttt gcctttgcct gatgtggatg agcagctcac atgctcaggg      420
ccacctgaga ctgtcactg      439

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<210> 216  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 216  
 ggcacgagga gacagagaag tttggccagg ggggccacca tactgctggt caggttggga 60  
 aggaggcaga gaagtttggc caggtgggga aggaggaaga cagagtggtc caaggcctcc 120  
 atcatggcgt tagtcaggct ggaaggagg cggggcagtt tggccacgac attcaccaca 180  
 cagcagggca ggctgggaaa gagggagaca tagcagttca tgggtgtccaa cctgggggtcc 240  
 acgaggcccg gaaggaggca gggcagtttg gccagggagt tcaccatacc cttgaacagg 300  
 ccgggaagga agcagacaaa gcggtccaag ggttccacac tgggggtccac caggtctggga 360  
 aggaagcaga gaaacttggc ccagggtca ac 392

<210> 217  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 217  
 ggcacgagcc catctggggc agcaccacgt ggatctctcc ctctcacct tcaactggtt 60  
 cctcgtggtc tttgcggaca gtctcattag caacatcctc ctctcgggtct gggatgcctt 120  
 cctgtacgag gggacgaagg tgggtgttcg ctatgccttg gccattttca agtacaacga 180  
 gaaggagatc ttgaggctac agaattggcct ggaaatctac cagtacctgc gcttcttcac 240  
 caagaccatc tccaacagcc ggaagctgat gaacatcgcc ttcaatgaca tgaaccctt 300  
 ccgcatgaaa cagctgcggc agctgcgcac ggtccaccgg gagcggctgg aggctgagct 360  
 gcgggagctg gagcagctta aggcagagta cctg 394

<210> 218  
 <211> 432  
 <212> DNA  
 <213> Homo sapiens

<400> 218  
 acaccactt gtttgaggac accatcgatt cgaattcggc acgagcctag ccagcccctg 60  
 acgtgcctta caggagttct tccagacacg ccaaaagtga cttggactca aagttaaagg 120  
 caaacctgca gaaaatgatg ttaagcttgt agctctcaaa ctgaaaccac atactaatat 180  
 catgaggatg gcatctcgag aggagagctt ggaagatgtc ttaggtccac cccctgacaa 240  
 tgatgatgtt gttaatgact ttgatattga agatgaagta gttgaagtag aaaataggga 300  
 agaaaacctt ctgaaaattt ctgcgagagc gaaagagtac aaagtggaaa ttttgaatcc 360  
 tcccagggaa gggaaaaagc ttttggtgct agatgttgat tatacattat ttgaccacag 420  
 gtcttgtgca ag 432

<210> 219  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 219  
 ggcacgagcc ctttactcct ctaccaaga tcttgcttgt ttctttctaa gttgcctctc 60  
 tatctagctt gcaggatttg agttgaggaa aacacagact tccatgagtt tgggaactac 120  
 gagagaaaag acagacagag tcaaactctac agcatatctc tcacctcagg aactggaaga 180  
 tgtattttat caatatgatg taaagtctga aatatacagc tttggaatcg tcctctggga 240  
 aatcgccact ggagatatcc cgtttcaagg ctgtaattct gagaagatcc gcaagctggt 300  
 ggctgtgaag cggcagcagg agccactggg tgaagactgc ccttcagagc tgcgggagat 360  
 cattgatgag tgccggggcc atgatccctc tgtgc 395

<210> 220  
 <211> 487

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(487)  
 <223> n = A,T,C or G

<400> 220  
 tgctcttttg atgatgccat cgattcgaat tcggcacgag cagctagctc agttcaaggt 60  
 ggaaatggct taacgagagg aacggcaaca gcaggtggct gaggactacg agctcagact 120  
 ggcccgggag caagcgcgag tgtgcgaact gcagagtggg aaccagcagc tggaggagca 180  
 gcgggtggag ctggtggaag gactgcaggc catgctgcag gccactggg atgaggccaa 240  
 ccagctgctc agcaccactc tcccgccgcc caaccctcca gtcctcctg ctggaccctc 300  
 cagccccggg cctcaggagc ccgagaagga ggagaggagg gtctggacta tgcctcccat 360  
 ggccgtggcc ctgaagcctg tattgcagca gagccgggaa gcaagggacg agctacctgg 420  
 agcgctcctt gggtttttgca gntcctcctc agatcttagc ctcttgggtg gccctctttt 480  
 tcagagc 487

<210> 221  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(365)  
 <223> n = A,T,C or G

<400> 221  
 ggatgccagt ggtgaggctg taagcgaaac tcttcagttt aaagctcaag atctcttaag 60  
 ggcagtccca agatccagag cagagatgta tgatgacgtc cacagcgatg gcagatactc 120  
 cctcagtggg cctgtagctc actctagaga tgccgggaaga gaaggcctga gaagtgcagt 180  
 atttcagggt ccttccttca gatcaagcaa ccctccatc agtgatgaca gctactttcg 240  
 caaagaatgt ggccgggatac tgggaattttc tcaactctgat tctcgggacc aggtcatttg 300  
 ccaccggaaa ttggggcatt tccgttctca ggactggaaa tttgcgctcc gtggttcttg 360  
 ggaan 365

<210> 222  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(376)  
 <223> n = A,T,C or G

<400> 222  
 ggcacgagga gatttcccgg cgggtcccgg cctctgcgtg cacgcgcctg cgtgctcgcg 60  
 ctgcggttc tggcgctgct nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180  
 nnnnnnnnnn nnntgatggc agcagtggcc tgctgaagc agccactgcc aagaatctag 240  
 ctgcagtnnn nnnnnnnnnn nnnnnnnnca tgctccacac agccaccgga agccaagaac 300  
 gcaccctcct gggtagagct gcaagccgcc agccgaggct gcggacccgg gcctccctgg 360  
 tgctctgggg gttggg 376

<210> 223  
 <211> 399  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(399)

<223> n = A,T,C or G

<400> 223

ggcacgaggg	gtgacagagc	ggctggcgca	tgctcagtag	agcagcctac	ggcaagcagc	60
ctccctcagg	gaacatcaca	ggaagcagct	gcaggacctg	agtggacagc	accagcagga	120
gctggccagt	cagctagctc	agttcaaggt	ggaaatggca	gaacgagagg	aacggcaaca	180
gcaggtggct	gaggactacg	agctcagact	ggcccgggag	caagcgcgag	tgtgcgaact	240
gcagagtggg	aaccagcagc	tggaggagca	gcgggtggag	ctggtggaaa	gactgcaggc	300
catgctgcag	gcccactggg	atgaggccaa	ccagctgctc	agcaccactc	ttccgccgcc	360
caaaccttca	gctttctctg	cttgaccctc	cagccccgn			399

<210> 224

<211> 402

<212> DNA

<213> Homo sapiens

<400> 224

ggcacgaggg	cagttcagta	tcgatggaca	gatcttctta	ctctttgact	cagagaagag	60
aatgtgggca	acggttcata	ctggagccag	aaagatgaaa	gaaaagtggg	agaatgacaa	120
ggatgtggcc	atgtccttcc	attacatctc	aatgggagac	tgcataggat	ggcttgagga	180
cttcttgatg	ggcatggaca	gcaccctgga	gccaagtgca	ggagcaccac	tcgccatgtc	240
ctcaggcaca	acccaactca	gggccacagc	caccaccctc	atcctttgct	gcctcctcat	300
catcctcccc	tgcttcatcc	tccctggcat	ctgaggagaa	tccttttagag	tgacaggtta	360
aagatgatac	caaaaagccc	ctgtgagcac	ggtcttgatc	ag		402

<210> 225

<211> 270

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(270)

<223> n = A,T,C or G

<400> 225

ctctctttct	ttctccctcc	ccccccgggc	gcgctcattt	atctcgtctc	ttatgtctct	60
ctctctgtgt	ctgtgacaga	cacactcttt	ttcatatagc	gcgctccctt	ttctttgctc	120
tcgggggggg	tctctctgta	cgcgtgtgtt	ctctctccag	tgagtgtgca	cgcctagggtg	180
agagagagtn	nnnnnnnnnn	nnnnntgtgt	gtgaatttta	tatatattcta	tatctctcac	240
tctctgggtg	tcacactctc	cgtgtgtggg				270

<210> 226

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 226

ggcacgagaa	ccctcccagg	ctaagcccca	atttggggct	cgctgcct	gcatcaggga	60
gacatgtcag	ctgaggagta	attgaccaga	tttctgcttt	agaaatatgg	cagtgagggc	120

aggagatggc	atctgaggcc	caggctgggg	agaaggggtgc	tgggatgaga	acctggagtt	180
cagaccaggg	aagggatgag	agcctaagaa	gaggagctct	caccctgaga	caggctgggtg	240
caggagtctg	ctcgatccag	gcctgggtcc	ctgggttccct	ctgagcttgg	gaggactatg	300
tgagacagaa	caggaccagg	ggcctgcatt	cccccttgta	ttattcatct	tcnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnn		404

<210> 227  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(389)  
 <223> n = A,T,C or G

<400> 227	
ggcacgagaa gtcactcaac ctctctgagc cttttcttca cctataaagt ggggatagta	60
actacctacc ttatggaagc atatgaggat tgtgtgaaat catccatgta gcccttccac	120
cgccacgtgg agtttggcat ggagcagttt ctaaattgaa gtcatcttga tcagggtgggc	180
tgccaacctc tctgagcctc agtttgcctc tctagggaaat ggggacaatg caatgggaat	240
ctgaggattg tgtgaaattg tgcaaatgca tgaatgtggg ctgggatagt aaaagggagg	300
gccccggagc agcccacctg gggtcctatc tagtggacgc gcccgggtgc caccattgc	360
tgtgatgcca gcagcccact gcaagcatn	389

<210> 228  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 228	
ggcacgagct gccacctcta gaaagctgct ttcttctatc accgcttgcc cttgaattat	60
tccctgaatg aagccaagaa ccctcccagg ctaagcccca atttggggct cgcctgccct	120
gcatcaggga gacatgtcag ctgaggagta attgaccaga tttctgcttt agaaatatgg	180
cagtggaggc aggagatggc atctgaggcc caggctgggg agaaggggtgc tgggatgaga	240
acctggagtt cagaccaggg aagggatgag agcctaagaa gaggagctct caccctgaga	300
caggctgggtg caggagtctg ctcgatccag gcctgggtcc ctgggtccct ctgagcttgg	360
gaggactatg tgagacagaa cagn	384

<210> 229  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(292)  
 <223> n = A,T,C or G

<400> 229	
ggtgtctctc tctcgggggg gccccccctc tctctatattt tttttgcgcg cacactcact	60
ctctctctct tttttccccc gcgcgcgcgc acgcgctttt tttttctttt ttctnnnnnn	120
nnnnnactct ctctcttttc tcttttgtgt ggggggtctcc ggcgcgcttc tctctctctc	180
tctcaccac agacactctc tctgtgtgcg cacctctctc tctcgggggg ccggatctct	240
ctccccctc totatctctg ttattttggg ggtcccctcc gcgctctcct ca	292

```

<210> 230
<211> 400
<212> DNA
<213> Homo sapiens

<400> 230
ggcacgaggt gggacagaag tagaagaggg tgaatggccc tggcaggcta gcctgcagtg      60
ggatgggagt catcgctgtg gagcaacctt aattaatgcc acatggcttg tgagtgtctg      120
tcactgtttt acaacatata agaaccctgc cagatggact gcttcctttg gagtaacaat      180
aaaaccttcg aaaatgaaac ggggtctccg gagaataatt gtccatgaaa aatacaaaaca      240
cccatcacat gactatgata tttctcttgc agagctttct agccctgttc cctacacaaa      300
tgagttacat agagtttgtc tccctgatgc atcctgtgag tttcaaccag gtgatgtgat      360
gtttgtgaca ggatttgag cactgaaaaa tgatggttac      400

<210> 231
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

<400> 231
tatatagaca ccccgctttt tttctctctc tctctatata cacaccgtct ctctcccccg      60
tgtgtctctc cctctctttt tgctcatact tatatacatc tacacacttg tgtgggggac      120
tctctctagc gctccctctc ttttgtgtgg gcgctctcac acacacacac nnnnnnnnnn      180
nnggagactc ctttctctgt ggagaatatg tgtgogcacc atctctctct ctcttatttt      240
tccctcgcgc gcgogctctg tgagagagac tctctgttct cacacatatg atatatatat      300
ccctcccctc tctcacactc gtgccccgcn      332

<210> 232
<211> 407
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 232
ggcacgagaa ctccggctac gtttgctgtc ccaacaaata gaccagggtt ccctaagtgt      60
cgcttcctcc aagaagccct ccctgatgag ttgagccact ttagtttgtg ctcagggtca      120
ccctgcacgt ctiggttgct ctcactactg taatgatcta aaacacacgt ctgctcatga      180
gacccgcatc ccacccccga tgctggggcc gctcttggat tttcatgcct gctgccagca      240
cccaggggga gctccggaaa tgtctgctgg gggtcggaa taccacactt tctggtaatg      300
cagcccagcg ggtcccagcc tcgttttcca gccctcactc anaatggagt cgctctgggt      360
cgaacgcctc tgancagtgt gtacctactg gtcaggccca tccttcc      407

<210> 233
<211> 406
<212> DNA
<213> Homo sapiens

<400> 233
ggcacgagga aagaccacg tgctgcctca tgtggccgac atcctcagca agtcttgccc      60
ggcaccaggt tgagcctctg gtgggggtgg gtagtcacca ctcggtctg gaggatgagg      120

```

cctgggccat	aatccagttg	cagggacgga	tgatctccat	ctcgaaggtc	ccagaggtaa	180
ctgcgttgtc	ccatcctcca	ggcatcccct	gcggcgctgg	ccaagtgcgt	gctggccgag	240
gtcccgaagc	aggtggtgga	gtactacagc	cacagaggcc	tgcccccgag	aagcctgggt	300
gtcctgccc	gagaggccag	cccaggctgc	acaccgtgaa	aatgtggagg	gcgtaaaggg	360
ggggcccaga	aagaaagtgt	cccacacaac	ctctgtttgc	acatgg		406

<210> 234  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 234						
ggcacgagga	gggtgaatgg	ccctggcagg	ctagcctgca	gtgggatggg	agtcactcgt	60
gtggagcaac	cttaattaat	gccacatggc	ttgtgagtgc	tgctcactgt	tttacaacat	120
ataagaacct	tgccagatgg	actgcttcct	ttggagtaac	aataaaacct	tcgaaaatga	180
aacggggtct	ccggagaata	attgtccatg	aaaaatacaa	acacccatca	catgactatg	240
atatttctct	tgccagagctt	tctagccctg	ttccctacac	aaatgcagta	catagagttt	300
gtctccctga	tgcatcctat	gagtttcaac	caggtgatgt	gatgtttgtg	acaggatttg	360
gagcactgaa	aaatgatggg					380

<210> 235  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(410)  
 <223> n = A,T,C or G

<400> 235						
ggcacgagct	gagcaggact	tagaggaact	ccggctacgt	ttgctgtccc	aacaaataga	60
ccagggttcc	ctaagtgtcg	cttcctccaa	gaagccctcc	ctgatgagtt	gagccacttt	120
agtttgtgct	caggctcacc	ctgcacgtct	tggttgctct	catcactgta	atgatctaaa	180
acacacgtct	gctcatgaga	cccgcattcc	acccccgatg	ctggggccgc	tcttggattt	240
tcatgcctgc	tgccagcacc	cagggggagc	tccggaaatg	tctgctgggg	gctcggaata	300
cccaccttcc	tggtaatgca	gccagcggg	tcccagcctc	gttntccagc	cctcactcan	360
aatggagtcg	ctctgggttcg	aacgcctctg	acaagtgtgt	acctacgtgt		410

<210> 236  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 236						
ggcacgagac	tccggctacg	tttgetgtcc	caacaaatag	accagggttc	cctaagtgtc	60
gcttcctcca	agaagccctc	cctgatgagt	tgagccactt	tagtttgtgc	tcaggctcac	120
cctgcacgtc	ttggttgctc	tcatcactgt	aatgatctaa	aacacacgtc	tgctcatgag	180
acccgcattc	cacccccgat	gctggggccg	ctcttggatt	ttcatgcctg	ctgccagcac	240
ccagggggag	ctccggaaat	gtctgctggg	ggctcggaat	acccaccttt	ctggtaaatgc	300
agcccagcgg	gtcccagcct	cgttttccag	ccctcactca	aaatggagtc	gctctggttc	360
gaacgcctct	gacaagtgtg	tacctacgtg	tcag			394

<210> 237  
 <211> 428  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (1)...(428)  
 <223> n = A,T,C or G

<400> 237  
 ttctggcacga nnnaagaaga ggccctcaga gatctgacag cctatgagtg cgtggacacc 60  
 acctcagccc actgagcagg agtcacagca cgaagaccaa gcgcaaagcg acccctgccc 120  
 tccatcctga ctgctcctcc taagagagat ggcaaccggcc agagcaggat tctgccccct 180  
 tctgctgctt ctgctgctgg ggctgtgggt ggcaagatc ccagtcagtg ccaagcccaa 240  
 gggcatgacc tcatcacagt ggtttaaaat tcagcacatg cagcccagcc ctcaagcatg 300  
 caactcagcc atgaaaaaca ttaacaagca cacaaaacgg tgcaaagacc tcaacacctt 360  
 cctgcacgag cctttctcca gtgtggccgc cacctgccag acccccaaaa tagcctgcaa 420  
 gaatggcc 428

<210> 238  
 <211> 432  
 <212> DNA  
 <213> Homo sapiens

<400> 238  
 tctcatggag gaacccatcc attcgaattc ggcacgagga tcaactggct atcatatctg 60  
 tttaatacat ttactggagc cagaaacctt ggccatcatc gaacgcagc ccttgggtctg 120  
 agcctgcggc tgtagatgtg gaactcacag catatgcatt gttggcccag cttaccaagc 180  
 ccagcctgac tcacaaggag atagcgaagg ccaactagcat ataggcttggt ttggccaagc 240  
 aacgcaatgc atatgggggc ttctcttcta ctacagatac tgtagttgct gtacaagctc 300  
 ttgccaaaata tgccactacc gcctacgtgc catctgagga gatcaacctg gttgtaaaat 360  
 ccaactgagaa ttccagcgc acattcaaca tacagccagc taacagattg gtatttcagc 420  
 aggataccct gc 432

<210> 239  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 239  
 ggcacgaggc aggacctcct ctcccagatc gccagctgc aggaggagaa caagcagctc 60  
 atgaccaacc tctcccaaaa ggatgtcaac ttctcagagg aggagtcca gaagcatgaa 120  
 ggcattgtcag agcgggagcg acaggtgatg aacaagctga aggagggtgt ggacaaacaa 180  
 cgcgacgaga tccgcgcaa ggacaggag ctgggcctga aaaatgagga cgttgaggct 240  
 ttacagcagc agcagacacg gctgatgaag atcaaccatg accttcggca ccgggtcacg 300  
 gtggtggagg cccaggggaa agccctgatc gaacagaagg tggagctgga ggcagacctg 360  
 cagaccaagg agc 373

<210> 240  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 240  
 ggcacgagag ctgaccgaga tggacgtttt ctacatcgcg tcgcttgtgg gccacgagtt 60  
 cgagcgggtc attgaccagc acgggtgtta ggccatcgcg cgcctcatgc ccaaggctcgt 120  
 gcgcgtgctg gagatcttgg aggtgctggt cagtcgcctc cacgtcgcg ccgagctgga 180  
 cgatctgcgc ctggagcagg acctcctctc ccagatcgcc cagctgctgg aggagaacaa 240  
 gcagctcatg accaacctct cccacaagga tgtcaacttc tcagaggagg agttccagaa 300  
 gcatgaaggc atgtcagagc gggagcgaca ggtgatgaag aagctgaagg aggtggtgga 360  
 caaacaacgc gacgagatcc gcgccaagga cg 392

<210> 241  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

```

<400> 241
gatcccatcc attcgaattc ggcacgagga ttgattcacc ttcacctgtg ctgcaactcca      60
gctgacccaa gtaggaagcc ggacgagctg taaaacatga acggaagagt ggattatttg      120
gtcactgagg aagagatcaa tcttaccaga gggccctcag ggctgggctt caacatcgtc      180
ggtgggacag atcagcagta tgtctccaac gacagtggca tctacgtcag ccgcatcaaa      240
gaaaatgggg ctgcggccct ggatgggcgg ctccaggagg gtgataagat cctttcggta      300
aatggccaag acctaaagaa cctgctgcac caggatgctg tagacctctt tcgtaatgca      360
ggctatgctg tgtctctgag agtgcagcac aggttacagg tgcagaatgg acctatagga      420
catcgaggtg aagg                                     434

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<210> 242
<211> 385
<212> DNA
<213> Homo sapiens

```

```

<400> 242
ggcacgagga gagcgcgagc acctcctcaa cccactgaac aggagtcaac gcacgatgac      60
cattcgcaaa gcgacccctg cctccatcc tgactgctcc tcctaagaga gatggcaccg      120
gccaaaacag gattatgccc cttctgctg cttctgctgc tgccgctgag tgtggcagag      180
atcccactca gtgccaaacc caagggcagc acctcatcac agtggtttag aattcagcac      240
atgcagccca gccctcaagc atgcaactca gccatgaaaa acattaacaa gcacacaaaa      300
cggtgcaaag acctcaacac cttcctgcac gagcctttct ccagtgtggc cgccacctgc      360
cagaccccca aaatagcctg caaga                                     385

```

```

<210> 243
<211> 388
<212> DNA
<213> Homo sapiens

```

```

<400> 243
ggcacgagag aaggcctgcg gcaaagagat gagcttattg acaaacatgg cttagttata      60
atccccgatg gcaactccaa tggatgatgc agtcatgaac cagtggctgg agccatcact      120
ggtgctctc aggaagctgc tcaggtcttg gagtcaccag gagaagggcc attacatgtt      180
tggctacgaa aacttgctgg agagaaggaa gaactactgt cacagattac aaaactgaag      240
cttcagttag aggaggaacg acagaaatgc tccatgactg atggcacagt gggtgacctg      300
gcaggactgc agaattggctc agacttgacg gtcacgaaa tgcagagaga tgccaataga      360
caaattagcg aatacaaatt taagcttg                                     388

```

```

<210> 244
<211> 388
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(388)
<223> n = A,T,C or G

```

```

<400> 244
ggcacgaggt cactgttgaa gagttcaatc ttaccagagg gccctcaggg ctgggcttca      60
acatcgccgg tgggacagat taccagtatg tctccaacga cagtggcatc tacgtcagcc      120
gcatcaaaga aaatggggct gcggccctgg atgggcgggt ccaggagggg gataagatec      180
tttcggtaaa tggccaagac ctaaagaacc tgctgcacca ggatgctgaa cacctctttc      240
gtaatgcagg ctatgctgtg tctctgagag tgcagcacag gttacaggcg cagaatgtac      300
ctataggaca tcgaggtgaa ggggacccaa gcggattccc atatttattg tgctggtgcc      360
cngngctggc ctctccctgg tattcgcg                                     388

```

```

<210> 245
<211> 390

```

<212> DNA  
<213> Homo sapiens

<400> 245  
ggcacgaggg tgtgtgtctc ttttctcacc ccagggcctg gccatgtccc ctttgggaag 60  
cctgttccct tacccttaca cgtacatggc cgcagcggcg gccgcctcct ctgcggcagc 120  
ctccagctcg gtgcaccgcc accccttctt caatctgaac accatgcgcc cgcggctgcg 180  
ctacagcccc tactccatcc cgtgtccggt cccggacggc agcagtctgc tcaccaaccgc 240  
cctgccctcc atggcggcg cgcgggggcc cctggacggc aaagtgcgcg ccctggccgc 300  
cagcccggcc tcggtggcag aggactcggg ctctgaactc aacagacgct cctccacgct 360  
ctcctccagc tccatgtcct tgtcgcccag 390

<210> 246  
<211> 397  
<212> DNA  
<213> Homo sapiens

<400> 246  
ggcacgagac cactgggacc tcctgctcct cgccatcacc aacacagggc tgtctctgtt 60  
tgggctgcct tggatccatg ccgcctaccc ccactccccg ctgcacgtgc gagccctggc 120  
cttagtggag gagcgtgtgg agaacggaca catctatgac acgattgtga acgtgaagga 180  
gacgcggctg acctcgtcgg gcgccagcgt cctgggtggc ctgtccctgt tgcctgtgcc 240  
ggtcccgtt cagtggatcc ccaagccgt gctctatggc ctcttcctct acatcgcgt 300  
cacctccctc gatggcaacc agctcgtcca gcgcgtggcc ctggtggttc aggaacccaa 360  
ctggggaacc ccccgacaca ctacatcccc gaggggg 397

<210> 247  
<211> 471  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature.  
<222> (1)...(471)  
<223> n = A,T,C or G

<400> 247  
ttacggcgcg tttgttaggg gaccccaccg attcgaattc ggcacgagct ctttttattt 60  
tcgctgatat ctttctttta ctaaatgcca ccactccttac ctgttcgggt gtctgcgtgc 120  
ctaatttttc ctggctgtta cacaagaacc cggatttttag ttgaactctg gagcaaaaat 180  
cctgcatcat ttgtaggctg gtgtcattgt gactggctgc tacctcccca tgagtcttct 240  
aaaataaaac ctgcaaattc acatcttccc catgcttcca gagaatgcat attcttcctt 300  
tgaaaaaaga aaacnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360  
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420  
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnggat g 471

<210> 248  
<211> 403  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(403)  
<223> n = A,T,C or G

<400> 248  
ggcacgaggt acagacatct agttggcagg agccaaagat gttgccaaac atgtagtann 60  
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120  
nnnnnnnnga gtagaggatg cctggtatga ggcaatattt gggataggga agggaaagctt 180

gggatttttag	ctacgtagag	acacttgaaa	attggagggga	ggaaaggagt	gggtggcttt	240
ggagatgttc	tggaatatgt	gaatgagggg	agtggagggg	ncctgnnnngc	tctgnngaag	300
gccangcccg	gtttcctgtc	tttcancctc	ttccaggaaa	attacgggca	gaaagaggct	360
gagaaagtgg	tcccggggaa	ggcgctttat	gaagagcttg	gtg		403

<210> 249  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(316)  
 <223> n = A,T,C or G

<400> 249	
ccgcttaaag	gcgctttctt
ctaattggat	caatcttgat
gaactcacgg	cacaaaacat
acttcctgct	gtaaccagaa
ttgctcactc	cctcactcac
gataaactat	atcaga
	60
	120
	180
	240
	300
	316

<210> 250  
 <211> 419  
 <212> DNA  
 <213> Homo sapiens

<400> 250	
ggcacgagat	atcagtcgaag
ctgcctccca	ctgggtccca
ggtaggagg	acactatttc
cagcaagagg	gcacctgtga
tcgatggctc	ccaccttact
ctgcatgata	tgatccatcc
ctcccctccg	gacactctgg
	60
	120
	180
	240
	300
	360
	419

<210> 251  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(434)  
 <223> n = A,T,C or G

<400> 251	
ggcacgaggg	ggcctccacc
ctgcggcgca	gggactgtcc
acgtcctggc	ctctcagggc
acacgtacat	ggacgcagcg
gccacccctt	cctcaatctg
tcccgggtgcc	ggtcccggac
cggccgcggn	gccctgggac
cagtggactc	ggcg
	60
	120
	180
	240
	300
	360
	420
	434

<210> 252  
 <211> 425  
 <212> DNA

<213> Homo sapiens

<400> 252

ggcaccgagaa	agcactcagc	ctgggggaatg	aactctgccca	caatgatgat	ggctgtgacc	60
actccccgca	gagagttctt	gaagaggagc	tcggcaggga	ctggcaggcc	aaggtggcct	120
ccttgaggga	ggtgcccttt	gccgctgcct	caattgggca	ggtgcaccag	ggcctgctga	180
gggacgggac	ggaggtggcc	gtgaagatcc	aggtgagagg	ggaggctggg	cagggtaggg	240
gcgggcaccc	tgctagccca	gagaagtgc	tcccaccttc	tctccctccc	ttctcccttt	300
acagtacccc	ggcatagccc	agagcattca	gagcgatgtc	cagaacctgc	tggcgggtact	360
caagatgagc	gcggccctgc	cgcgggcct	gtttgccgag	cagagcctgc	aggccttgca	420
gcagg						425

<210> 253

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(395)

<223> n = A,T,C or G

<400> 253

ggcaccgagca	gacatctagt	tggcaggagc	caaagatgtt	gccaaacatg	tagtannnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnngagta	gaggatgcct	ggtatgaggc	aatatgtggg	atagggaagg	gaagcttggg	180
attttagcta	cgtagagaca	cttgaaaatt	ggagggagga	aaggagtggg	tggctttgga	240
gatgttctgg	aatatgtgaa	tgaggggagt	ggaggggtcc	tggaggctct	ggggaaggcc	300
aagcccgttt	tcctgtcttt	caacctcttc	caggaaaatt	acgggcagaa	ggaggctgag	360
aaagtggccc	gggtgaatgc	gctatatgac	gagct			395

<210> 254

<211> 307

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(307)

<223> n = A,T,C or G

<400> 254

agtcgtcttc	ttttaatgta	atcattttga	acatgtgtga	aagttgatca	tacgaattgg	60
atcaatcttg	aaatactcaa	ccaaaagaca	gtcgagaagc	cagggggaga	aagaactcag	120
ggcacaaaat	attggtctga	gaatggaatt	ctctgtaagc	ctagttgctg	aaatttcctg	180
ctgtaaccag	aagccagttt	tatctaacgg	ctactgaaac	accactgtg	ttttgctcac	240
tcctcactc	accgatcaaa	acctgctacc	tccccaagac	tttactagtg	ccgataaact	300
ttctcan						307

<210> 255

<211> 312

<212> DNA

<213> Homo sapiens

<400> 255

agtcgtcttc	ttttaatgta	atcattttga	acatgtgtga	aagttgatca	tacgaattgg	60
atcaatcttg	aaatactcaa	ccaaaagaca	gtcgagaagc	cagggggaga	aagaactcag	120
ggcacaaaat	attggtctga	gaatggaatt	ctctgtaagc	ctagttgctg	aaatttcctg	180
ctgtaaccag	aagccagttt	tatctaacgg	ctactgaaac	accactgtg	ttttgctcac	240
tcctcactc	accgatcaaa	acctgctacc	tccccaagac	tttactagtg	ccgataaact	300

<210> 256  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(415)  
 <223> n = A,T,C or G

<400> 256  
 ggcacgagca ggagcagctg gcaagggaga aggacacggt gaagatgctg caggaacagc 60  
 tggaaaaggc agcgcgctgcc tggcgccaaa gcagggcggg aggagtcgag ctgccgggag 120  
 ccccggggag gcaggaccgg gagaggcaga gctgggcgga gtcgtcaagc tgctgggagc 180  
 gctgggctgg gagccccagg ggaggcagag ctgggcggag gtagtgggga cagagacttc 240  
 ctaacgaggg cttcagccca cccggccca caccaccct tctggggttc ccttgctggg 300  
 aagcgagtgt ctgatcccc tgctggccca ggtcctcact ttgcacctgt gtggggccct 360  
 tagccagtgc tccagcccct gccctgcagg atgatggttt cccctcagct cccan 415

<210> 257  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 257  
 agaaaggggtg agtgaggtgc tgtcctgggg ttctccaagt ttgagagcat ggatgcatgt 60  
 ggtttgaagc tgaagtgggc ctgggggaat gggttgaagg cagaagcaac cagtttgag 120  
 ggaaggcatt tggatatcca gccctttctc tgtggccttg gccctgggtc tgtcctgtta 180  
 cccccacca tacctgtctg ctgcgcactc tgtgcttctg tagcattctc gtttctggcc 240  
 tttaaagttg gcaaggggag gttaataagc acctaggtgg ctgagtgtct ctgtcttctg 300  
 gcttggtcac aggacttcga gtaagaaggt gatttacagc cagcctagtg cccgaagtga 360  
 aggagaattc aaacagacct cgtcattcct ggtgtg 396

<210> 258  
 <211> 431  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(431)  
 <223> n = A,T,C or G

<400> 258  
 gnnggagggc ctgcggcaaa gagatgagct tattgagaaa catggcttag ttataatccc 60  
 cgatggcact cccaatggtg atgtcagtc tgaaccagtg gctggagcca tcaactgtgt 120  
 gtctcaggaa gctgctcagg tcttgagtc agcaggagaa gggccattag atgtaaggct 180  
 acgaaaactt gctggagaga aggaagaact actgtcacag attagaaaac tgaagcttca 240  
 gttagaggag gaacgacaga aatgctccag gaatgatggc acagtgggtg acctggcagg 300  
 actgcagaat ggctcagact tgcagttcat cgaaatgcag agagatgcca atagacaaat 360  
 tagcgaatac aaatttaagc tttcaaaagc agaacaggat ataactacct tggagcaaag 420  
 tattagccgg c 431

<210> 259  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

<400> 259
ggcacgagca ggagcagctg gcaagggaga aggacacggt gaagaagctg caggaacagc      60
tggaaaaggc agcgcggtgcc tggcgccaaa gcagggcggg aggagtcgag ctgccgggag      120
ccccggggag gcaggaccgg gagaggcaga gctgggcgga gtcgtcaagc tgctgggagc      180
gctgggctgg gagccccagg ggaggcagag ctgggcgagg gtagtgggga cagagacttc      240
ctaacgaggg cttcagccca cccggccac caccaccct tctggggttc ctttgcctgg      300
aagcgagtgt ctgatcccc tgctggcca ggtectcact ttgcacctgt gtgggcccct      360
tagccagtgc tccagcccct gccctgcagg atgatggttt ccn                               404

<210> 260
<211> 402
<212> DNA
<213> Homo sapiens

<400> 260
ggcacgagat ctccctgcct tgtgagcagc tggccggcgg ctctgggaca ggcggggatg      60
ggagggagtc taccgggcca ctgtagagct ggtagctggg agctggagct gtagagttcc      120
aggctgggag ctggagagcc ctgggtgaga gggaggccta taggggcccc gggggacaca      180
ccaggcttga gggtagtagg tgctggaggc agagcctggc ctgtccaggg tgggacctca      240
cgaccacccc tgtccggccc ccagctcgga ggagcttcta cgtgtatgcg ggcacacctg      300
cactgctcaa cctactgcag gggctgggga gtgagctgct gtgcttcgac atcatcgagg      360
ggctctggtg cgtggggggc gcaggggagtc tgccctcgtg gg                               402

<210> 261
<211> 402
<212> DNA
<213> Homo sapiens

<400> 261
ggcacgagat ctccctgcct tgtgagcagc tggccggcgg ctctgggaca ggcggggatg      60
ggagggagtc taccgggcca ctgtagagct ggtagctggg agctggagct gtagagttcc      120
aggctgggag ctggagagcc ctgggtgaga gggaggccta gaggggcccc gggggacaca      180
ccaggcttga gggtagtagg tgctggaggc agagcctggc ctgtccaggg tgggacctca      240
cgaccacccc tgtccggccc ccagctcgga ggagcttcta cgtgtatgcg ggcacacctg      300
cactgctcaa cctactgcag gggctgggga gtgtgctgct gtgcttcgac atcatcgagg      360
ggctctggtg cgtggggggc gcagggtgtc tgccctcgtg gg                               402

<210> 262
<211> 151
<212> DNA
<213> Homo sapiens

<400> 262
gccgaatatg aagctacgtc cgggtatccg ggttccctgt aattgctttc tgatccctgg      60
tacttagatt tgattaccta tggaccacat tggtagaact actatatggg ggaacctcct      120
gattttgggc ggtctcaaaa acaaaaaaaaa c                               151

<210> 263
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(404)

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<223> n = A,T,C or G

<400> 263

ggcacgagg	aacgtggaag	gactagactg	cctgagtctt	ctgannnnnn	nnnnnnnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
ggacctacc	cccagtggt	ttgccagg	ctctcaggcc	ttcggctaca	gactgagggc	180
tgcattatca	gctttcctac	ttttgaggtt	ttgggacttt	actggctttc	ttgctcctca	240
acttgcatg	ggcctgttgt	gggacctcac	cttgtgatca	tgtacatgag	ggaaatacac	300
accctccca	gggatgatgg	aagggttaagg	tcctaacacc	tcctgcacat	ctgagcagct	360
gcacattgaa	ccagatagtc	ctggaatgtg	ggaaaacaga	ggcn		404

<210> 264

<211> 380

<212> DNA

<213> Homo sapiens

<400> 264

ggcacgagg	gaacggaag	ccgggaccca	gaactcttgt	ctttcaggat	aaagtggcca	60
gggtgtacga	agccccgggc	tttttcctgg	acctggagcc	catcccggga	gccttggacg	120
ctgtgcggga	gatgaacgac	ctaccggaca	cgcaggctct	catctgcacc	agccccctgc	180
tgaagtacca	ccactgtgtg	ggtgagaagt	accgctgggt	ggagcagcac	ctggggcccc	240
agttcgtaga	acgaattatc	ctgacaagg	acaagacggt	ggtcttgggg	gacctgctca	300
ttgatgacaa	ggacacagct	cgaggccagg	aggagacccc	aagctgggag	cacatcttgt	360
tcacctgctg	ccacaatcgg					380

<210> 265

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(440)

<223> n = A,T,C or G

<400> 265

ggcagaggcg	tggacaccac	ctcagcccac	tgagcaggag	tcacagcacg	aagaccaagc	60
gcaaagcgac	ccctgccctc	catcctgact	gctcctccta	agagagatgg	caccggccag	120
agcaggattc	tgcccccttc	tgctgcttct	gctgctgggg	ctgtgggtgg	cagagatccc	180
agtcagtgcc	aagcccaagg	gcatgacctc	atcacagtgg	tttaaaattc	agcacatgca	240
gcccagccct	caagcatgca	actcagccat	gaaaaacatt	aacaagcaca	caaaacgggtg	300
caaagacctc	aacaccttcc	tgcacgagcc	tttctccagt	gtggccgcca	cctgccagac	360
ccccaaaata	gcctgcaaga	atggcgataa	aaactgccac	caaagccacg	ggcccgtgtt	420
cctgaccatg	tgaagctccn					440

<210> 266

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 266

gcacgaggag	gaacgtggaa	ggactagact	gcctgagtct	tctgannnnn	nnnnnnnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
tggaacctacc	ccccgagtgg	tttgccagg	gctctcaggc	cttcggctac	agactgaggg	180
ctgcattatc	agctttccta	cttttgaggt	tttgggactt	tactggcttt	cttgctcctc	240



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aacttgacaga tggcctgttg tgggacctca ccttgtgatc atgtacatga gggaaataca      300
caccctcccc agggatgatg gaagggttaag gtcctaacac ctctgcaca tctgagcagc      360 -
tgcacattga accagatagt cctggaatgt gggaac      396

<210> 267
<211> 429
<212> DNA
<213> Homo sapiens

<400> 267
ggcacgagga tctgacagcc taggagtgcg tggacaccac ctccagccac tgagcaggag      60
tcacagcacg aagaccaagc gcaaagcgac ccctgccctc catcctgact gctcctccta      120
agagagatgg caccggccag agcaggatcc tgcctccctc tgctgcttct gctgctgggg      180
ctgtgggttg cagagatccc agtcagtgcc aagcccaagg gcatgacctc atcacagtgg      240
tttaaaattc agcacatgca gcccagccct caagcatgca actcagccat gaaaaacatt      300
aacaagcaca caaaacgggtg caaagacctc aacaccttc tgcaagagcc tttctccagt      360
gtggccgcca cctgccagac ccccaaaata gcctgcaaga atggcgataa aaactgccac      420
cagagccac      429

<210> 268
<211> 405
<212> DNA
<213> Homo sapiens

<400> 268
ggcacgaggc ggcttccttg cccgcgagca gtaccgcgcc ctgcggcccg acctggcgga      60
taaaagtggc agtgtgtacg aagccccggg ctttttctct gacctggagc ccatcccggg      120
agccttgga cgtgtgcggg agatgaacga cctaccggac acgcaggctc tcatctgcac      180
cagccccctg ctgaagtacc accactgtgt ggggtgagaag taccgctggg tggagcagca      240
cctggggccc cagttcgtag aacgaattat cctgacaagg gacaagacgg tggctctggg      300
ggacctgctc attgatgaca aggacacagt tcgaggccag gaggagaccc caagctggga      360
gcacatcttg ttcacctgct gccacaatcg gcacctggcc tgccc      405

<210> 269
<211> 372
<212> DNA
<213> Homo sapiens

<400> 269
ggcacgagaa ccctgaggcc tggctatggg accaccgggt ggtaggtgcc cagcgtctgcc      60
ccatcgtgga cacttctctg caaacagaga cagggtggcca catgttgact ccccttctctg      120
gtgccacacc catgaaaccc ggttctgcta ctttccatt ctttgggtga gctcctgcaa      180
tcctgaatga gtccggggaa gagtgggaag gcgaagctga aggttatctg gctgccagcg      240
ggaccaggat ggctattact ggatcactgg caggattgat gacatgctca atgtatctgg      300
acacctgctg agtacagcag aggtggagtc agcacttgct gaacatgagg ctgttgcata      360
ggcacctgtg gg      372

<210> 270
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 270
ggcacgagag ctctcggcgc acggcccagc ttccttcaaa atgtctactg ttcacgaaat      60
cctgtgcaag ctccagcttg aggtgtattg tccaggaagt tattccagat gaagacttat      120

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acnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	180
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	240 -
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	300
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	360
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	n	411

<210> 271  
 <211> 302  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(302)  
 <223> n = A,T,C or G

<400> 271						
ctgagtgtga	cactcagaga	gtgtgtttata	tagacagaga	gagagcgcg	gcctctgtcc	60
cccccttgt	gtgtgcccc	ctccagtgcg	cccagatccg	tgcccccccc	cggagcgccg	120
tgctccctnn	nnnnnnnnnag	tgtgcacacc	cccctcccc	tctcatgagt	gcccacatat	180
atattcctgt	gtgaccctc	ccccccctg	ccagtcagt	tccccgccc	agcgcgagtc	240
actgttttat	tttttctcgc	cccgaagaag	ggatagcgat	gtgtctctcc	cctcctccca	300
ca						302

<210> 272  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(429)  
 <223> n = A,T,C or G

<400> 272						
ggcacgagat	gtggtacaga	catctagtgtg	gcaggagcca	aagatgttgc	caaacatgta	60
gtannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnngagtaga	ggatgcctgg	tatgaggcaa	tatttgggat	aggggaagga	180
agcttgggat	tttagctacg	tagagacact	tgaaaattgg	agggaggaaa	ggagtgggtg	240
gctttggaga	tgttctggaa	tatgtgaatg	aggggaagt	gaggggcctg	gaggctctgg	300
ggaaggccaa	gcccgttttc	ctgtctttca	acctcttcca	ggaaaattac	gggcagaagg	360
aggctgagaa	agtggcccgg	gtgaaggcgc	tatatgagga	gctggaactg	tcaacagtgg	420
tcttgcaaa						429

<210> 273  
 <211> 471  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(471)  
 <223> n = A,T,C or G

<400> 273						
tggtgtgcat	ttgggcatcc	caccgattcg	aattcggcac	gagaaagcat	tgaagagacc	60
tcaaggcttt	aagaaatgag	taggccaaaa	tctaagtcaa	aggagaatct	gtactggggc	120
ccccgtgcc	ctgaggtcat	tggccaagcc	aagccgaacc	tgagctttga	tcctgatggt	180
ttggggagtg	aggaagacag	aagtggaagc	ccagttctca	cccgaagagg	ggacacaaa	240
ggatgaccct	cccatgatgc	tgagacccca	aaaggctaca	cactcaagct	aaaagccaga	300

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ggaaatccca tcttgccacc cacaagactt caaggaaagt tgttttgggt ctgagcagag 360
caggggaaga agggaaacag cccttaagga gctccagcca ctggccagcc ttcatgtgac 420
ttagcccaa attcattccc atcacctggg gtggaagggc cagaaatctc n 471

<210> 274
<211> 391
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 274
ggcacgaggt aaactctcta taagtgttca gtgttgacat agcctttgtg catagnnnnn 60
nnnnnnnnnn nnnnnnnnnn nnnnnnttt tttgccccac ctggaaaaaa ggggatgcnn 120
nnnnnnnnngg ggggaaaaac aattcttaag ggcccttttg ccataaactt ttttccgggc 180
cacctttgtt acttttggtc ctggaagggg tttttttggg gggccacagg ggagggggccc 240
cataggtaaa ctcggaaaac tttttctaac ccgggttagt gtttttaaatt aaaacaaaaa 300
annnnnnnnn nnttgggaatc cttttcttta aaaaaattaa tctctcaaag gaaaacaaag 360
nnnnnnnnnn ngggggggccc ctttcgttta g 391

<210> 275
<211> 339
<212> DNA
<213> Homo sapiens

<400> 275
cactccgggg gctctatttg tgtgctctgc acccagtttt ttatacactc cacgcttttg 60
atataacatc tagcgccacg gtgcctatgt gtacacaccc tctctctata tatagatacc 120
tctgtgcgca catatagagg ggaaaagaga gatatatcta ttatatatac atttctacac 180
aactgtctct ggggggtcag agaacgcgcg caccctcttc ttttgagaga aggagactct 240
gtcccccttc tctggggcgc agggaggccc catggcatga agaaaaatac tcacttatat 300
ctctctctct cactctctgt ttgcgaaaaa acacacagg 339

<210> 276
<211> 434
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 276
ccctagctac ttgctctttg tgcaggatgc catagattcg tgggctcctg cctttttctca 60
accccagagt gcttgaccag ttctaccgcc tgtggctatc cctcttctctg cacgccggga 120
tcttgactcg cctggtgtcc atctgcttcc agatgactgt cctgcgggac ctggagaagc 180
tggcaggctg gcaccgcata gccatcatct acctgctgag tgggtgtcacc ggcaacctgg 240
ccagtgccat ctctctgcca taccgagcag aggtgggtcc tgcgtgctcc cagttcggca 300
tcttgacctg cctcttctgt gagctcttcc agagctggca gatcctggcg cggccctggc 360
gtgccttctt caagctgctg gctggggagg cttttctctt cacctttggg ctgctgccgt 420
ggattgacaa cttt 434

<210> 277
<211> 378
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(378)
<223> n = A,T,C or G

<400> 277
ggcacgagaa aaagtaccgc tccagagcag gagcctaggc agccgagagg gtgcccgaac      60
ctgagtctga gttgcgccca cttcaggagc tgagaggagc aggatggaac tgcaggatcc      120
aaagatgaat ggagccctcc cttcggatgc tgtgggctac aggcaagaac gtgagggcct      180
cctgcccagt cgtggtcctg ctctgggag caagccggtc cagttcatgg atttcgaggg      240
gaagacatcg tttggaatgt cagtgttcaa cctcagcaac gccatcatgg gcagcggcat      300
cctggggctg gcctatgcca tgggccacac gggggtcatt ttctttctgg gcctgctgct      360
gngccatgcg cttctgcc

<210> 278
<211> 302
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(302)
<223> n = A,T,C or G

<400> 278
ccccnctct cgcnnnnnn nnnnncgttt tcactcccg gagtcccctt gtttttgcc      60
cggatccggg ttctttcttt cccgtggtgc cgcgggttg agtgttttat cttttcttca      120
catggggggc tggggagtcc cccagaacct ccagggggaa acccccctcc tatgaaaatg      180
acacatgagc ccctccttcc ggtggcgggg acctgtctct ctaagacctt tttctgggaa      240
aggggtcttt gtttgtatga ccccaaccgac gcggggggct ttctatgggc cgcceccccc      300
cg
302

<210> 279
<211> 405
<212> DNA
<213> Homo sapiens

<400> 279
ggcacgaggc ctcatggag acattgacaa tgccatgagg accttcctca actactacac      60
tgtatggaag cagtttgagg ggtccccga attctacaac attcctcagg gatacacagc      120
ggagaagcga gagggctacc cacttcggcc agaacttatt gaaagcgcaa tgtacctcta      180
ccgtgccacg ggggatccca ccctcctaga actcggaaga gatgctgtgg aatccattga      240
aaaaatcacc aagggtggagt gcggatttgc aacaatcaaa gatctgcgag accacacgct      300
ggacaaccgc atggagtcgt tcttcctggc cgagactgtg aaatacctct acctcctgtt      360
tgaccaacc aacttcatcc acaacaatgg gtgcaccttc gacgc
405

<210> 280
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(415)
<223> n = A,T,C or G

<400> 280
ggcacgaggg tcacctgtgc tgccccctct taatctcgta tgatggtcac agtcgggtgg      60
ccgtgggggt gctctgcctt cctgggtccc cactgcccac atctgtggac tgccccctcc      120

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aaagaccctt	gggggggggt	ggananattc	aatcttacca	aactcaacga	tccatccatt	180
tcatgttact	gatattacat	gcggacaccc	ctggatcata	ttattcaa	ccagtcattc	240
attctgcatt	catgacctt	tgataactcc	atcatgacct	acttgacgg	cactgacct	300
gcttactgga	ttccgccttg	taacaataaa	atctatttaa	actnnnnnn	nnnnnnnnnn	360
nnnaccagcc	cacataaaat	atgattgaat	caatttctta	taccttcaat	agaat	415

<210> 281  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 281						
ggcacgaggt	agactggggg	ctcactgatt	gcattgacac	ttttcatcat	gggtccccgg	60
gggctcacgt	ggagtctgac	acatgaatac	atggctatca	tgtctgtcac	cttcaatggg	120
gaaaacaaac	tttgtaattg	taggaaacac	aacagggtaca	ataattttaca	aaaatatggt	180
tgccacattt	caggggcaagg	caaaatgcag	aggagacata	tgttaaaatc	ttatcattca	240
catttggtct	ttttatcttt	aagatgaagc	tcttacacca	agtgtcacga	gtctggagaa	300
cagatgggtt	gaagagctgt	tcttataaaa	taagatctgg	ggaacacaat	cctttatata	360
tcaacatcac	agtggatttt	tggattggg				389

<210> 282  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 282						
ggcacgagat	agaatccgag	gcattgatat	cattaaatgg	atggagcgct	accttaggga	60
taagaccgtg	atgataatcg	tagcaatcag	ccccaaatac	aaacaggacg	tggaaggcgc	120
tgagtcgcag	ctggacgagg	atgagcatgg	cttacatact	aagtacattc	atcgaatgat	180
gcagattgag	ttcataaaac	aaggaagcat	gaatttcaga	ttcatccctg	tgctcttccc	240
aaatgctaag	aaggagcatg	tgcccacctg	gcttcagaac	actcatgtct	acagctggcc	300
caagaataaa	aaaaacatcc	tgctgcggct	gctgagagag	gaagagtatg	tggtcctccc	360
acgggggcct	c					371

<210> 283  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(413)  
 <223> n = A,T,C or G

<400> 283						
ggcacgaggt	gggagacacc	acttgtcttt	atgtgggtct	caaagatgat	gtagaatttc	60
ctttaatttc	tcgcagtctt	cctggaaaat	atcttccttt	gagcagcaaa	tctttagagg	120
atatcagtga	aggtctctcc	ctccctcctc	tcctgnnnnn	nnnnnnngga	aacaaagtgt	180
tgctttttgt	ccccagcctg	aaggggaaag	gctcaatttt	ggttaaccaa	aaccttgcc	240
tccgggggta	aagcaattct	cgggcctaac	cctttggaga	acctgggtta	ataggcgag	300
gccccaggc	cgggttaatt	ttgggtttta	agaaaaaaca	gggtttctca	atgtggggca	360
ggcgtggcca	aaacccccac	cctaagggga	tcggccctcc	ttggcctccc	aan	413

<210> 284  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 284						
ggcacgaggc	ctgggggatgc	tcctgctaa	gtgggcctgc	tcccaccctt	gccataaagc	60

tctgaggcag	cctgagcctg	ccgtgggggc	cccactgtga	ccctgccgca	gtcttctctg	120
gtccctgcgt	cctcttaagg	ggcagtgaca	cctgcctcgc	tggccctgtg	tgggtggcag	180
gccccactgt	ttgggatatc	acatggccag	gcacgtgggtg	agcctgctca	gggcggacgc	240
ctgcaggcgc	gtgctcggtc	acacactgcc	ttgtgtggcc	ctcctgtccg	gtgcagcctg	300
gacctggacg	cctggatcaa	tgagccactc	tcggacagcg	agtcagagga	cgagaggccc	360
agggccgtct	tccacgagga	ggagcagcgg	cgtcccaagc	accggccgt		409

<210> 285  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(404)  
 <223> n = A,T,C or G

<400> 285						
ggcacgagcc	acttcacccc	cttggggggt	gcttattcac	tctggggatt	cgccatggac	60
acgtctcaac	tgcgcaagct	gctgcccatt	tttccctgcc	cctccagatt	gcctggagat	120
ctattttggt	tccttttggt	tttctttttc	tgttttgagt	gtctttcttt	gcaggtttct	180
gtagccggaa	gatctccgtt	ccgctcccag	cggctccagt	gtaaattccc	cttccccctg	240
gggaaatgca	ctaccttggt	ttgggggggt	taggggtggt	tttgtttttc	agnngntttg	300
nttttttggn	nnnnnnnnnn	gntttgactt	ttttnncttt	tattttggag	ggtaatggaa	360
agaataggaa	aatcaggcag	gggggagaat	ggttggttat	tctt		404

<210> 286  
 <211> 441  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(441)  
 <223> n = A,T,C or G

<400> 286						
ggcacgaggg	aagcgggtgg	tgtgtgtccc	ctgtttactt	ttagctgagc	tgggggttggg	60
tgtacgggtt	ctgttcctct	gagccctgcg	gcccacctga	tgtttacgtg	tgtgtgtgag	120
ggggggcggc	gctncncnnn	caccccccan	nggcctctat	ccttgtgaag	ctctcctcaa	180
tctaatactt	attgcccctg	actccaaatc	ttccaccttt	tgccctcttat	tatatctatg	240
ttcattacct	taggtcagct	gttctctatt	atgacactga	ttcatacttt	tgttttttga	300
taagtactta	tttctctctc	cattgttgct	aatatcctct	tccttttttc	ctttgtctac	360
tctcacttca	tctataaaac	tcttacatat	ctctccacta	atctctttga	actaacaatt	420
tttatataga	atttaagcct	g				441

<210> 287  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 287						
ggcacgagca	gccctggaat	tcgcgaagca	cccgagggcc	gggggggtctc	cgcgggcgctc	60
ccatgcggag	gacatggtgc	gocgtgtact	cttccccacg	acctcaggga	ccggtccccc	120
cgcgggaact	gcttcctacc	tgggtcggtc	ccggcagctg	aatctggcca	gcccacctc	180
ccggtcgcta	tggcaccac	aggcctaaca	ttcgcgagtc	caccttccgc	cgctccgcgag	240
gaaaacctga	ttggcgccct	cttggcgatc	ttcgggcacc	tcgtggtcag	cattgcactt	300
aacctccaga	agtactgcca	catccgcctg	gcaggctcca	aagatccccg	ggccttattt	360
aaagacccaa	actggtggct	tgggcct				387

<210> 288  
 <211> 439  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(439)  
 <223> n = A,T,C or G

<400> 288  
 ggcacgaggg aggctggaag cgggtggtgt gtgtcccttg tttactttta gctgagctgg 60  
 gggttggtgt acgggttctg ttcctctgag ccctgcggcc cacctgatgt ttacgtgtgt 120  
 gtgtgagggg gggcggcggn nncannnnnn nnnnnnngan tctttttcca ataacaatat 180  
 taattaatcc aatctttttt cttcttctct tctttctact ctttttcctc cttttttttt 240  
 atttactttt actcatcctc ctttcttcat ttactctgtc ttttgtatta ctagcttctt 300  
 ctctttcgca attttccttt attgttggtc ctcttttggg aataacgtac tcttatgaga 360  
 agttgtttcc tctttattta catttggttg tcttctcctt tcataattta ttttacgtat 420  
 gtttgaggag ttttttctt 439

<210> 289  
 <211> 170  
 <212> DNA  
 <213> Homo sapiens

<400> 289  
 atgagtgggtc ttttaattag gaacaaatct aatggaaagg agagttgact gaagttggcc 60  
 cacaggattg tgagctgggc agagccttca tgaaggcttg ccaccttggg acgcccaatt 120  
 taatgggggg gcctgctgta aggcaaaagg ctttttggca aattgctggg 170

<210> 290  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 290  
 ggcacgaggt agactggggg ctcaactgagt gcagtgcacac ttttcatcat ggggtcccg 60  
 gttctcacgt ggagtctgac acatgaatac atggctatca tgtctgtcac cttcaatggg 120  
 gaaaacaaac tttgtaattg taggaaacac aacagggtaca ataatttaca aaaatatgtt 180  
 tgccacatct cagggcaagg caaaatgcag tgagagacata tgttaaattc ttatcattca 240  
 catttgatct ttttatcttt aggatgaagc tcttacacca agtgtcacga gtctggagaa 300  
 cagatggggg gagtagttgt tcttataaat tagtatctgt ggaacacaat cctttatata 360  
 tcaacatcac agtggatttc tggcttggtg cat 393

<210> 291  
 <211> 430  
 <212> DNA  
 <213> Homo sapiens

<400> 291  
 ggcacgaggg atagaatccg aggcattgat atcattaaat ggatggagcg ctaccttagg 60  
 gataagaccg tgatgataat cgtagcaatc agcccaaat acaaacagga cgtggaaggc 120  
 gctgagtcgc agctggacga ggatgagcat ggcttacata ctaagtacat tcatcgaatg 180  
 atgcagattg agttcataaa acaagggaagc atgaatttca gattcatccc tgtgtcttct 240  
 ccaaatgcta agaaggagca tgtgcccacc tggcttcaga acactcatgt ctacagctgg 300  
 cccaagaata aaaaaaacat cctgctgcgg ctgctgagaa aagaaaaaga tgtggctcct 360  
 tcacgggggc ctcttgccac ccttcaagtg ggtcccttgt gacaccgctc aatccagat 420  
 cactgaggcc 430

<210> 292

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<211> 423
<212> DNA
<213> Homo sapiens

<400> 292
atcccatcga ttcgaattcg gcacgagggga agcaagggca cccgccttat ggatggaatt      60
gaggggaagg caccgggggc tcctgcatcg agcttccttc ctatattcaa tgaggaaatg      120
accctgcaga aggctggctg cagatgcccc tgcctcccgg ctttgctgc ttggagtttg      180
atggacacgt ggtcctgtca gggctacagc aggtctatgg tctttggtaa cggaaagcgc      240
tggtgaaaca gtgagctttc ccgtgggtgc ttttcctga cgccaacaac cagggcaagc      300
tgctgtcct gctgcttggc cgctcctcag agctgcggcc gggagagtgc gtggtcgcca      360
tcggaagccc gttttccctt caaaacacag tcaccaccgg gatcgtgagc accaccagc      420
gag                                                                                   423

<210> 293
<211> 409
<212> DNA
<213> Homo sapiens

<400> 293
ggcacgaggc taggagtact ggcctagatg gttatagaag tccatgccag gaggtcgtct      60
gcagtcagag ggtgggttctg ggctggactc cagcccccttc ctgtcggagg ccaatgccga      120
gcggattgtg cagaccttat gtacagttcg aggggccgcc ctcaagggttg gccagatgct      180
cagcatccag gacaacagct tcacagccc tcagctgcag cgcatctttg agcgggtccg      240
ccagagcgcc gacttcatgc cccgctggca gatgctgaga gttcttgaag aggagctcgg      300
cagggactgg caggccaagg tggcctcctt ggaggaggtg ccctttgccg ctgcctcaat      360
tgggcaggtg caccagggcc tgtgagggga cgggacggat gtgggcgtg      409

<210> 294
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(369)
<223> n = A,T,C or G

<400> 294
ggcacgaggc cagctgctgg tggagcggca ctggggactg gaggctggaa gcgggtggtg      60
tgtgtccctt gtttactttt agctgagctg ggggttgggtg tacgggttct gttcctctga      120
gccctgcggc ccacctgatg tttacgtgtg tgtgtgaggg ggggcgngn nnnnnnnnnn      180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnna      240
nnnnnnnnnn ntnaatatat ttttttgtt aatgggtnnn nnnnnnnnnn nnnnnnnnnn      300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnataaatt      360
attaaattt                                                                                   369

<210> 295
<211> 403
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(403)
<223> n = A,T,C or G

<400> 295
ggcacgagtg cttctctage tctctaggcc tctccagttt gcacctgtcc ccacctcca      60
ctcagctgtc ctgcagcaaa cactccaccc tccaccttcc attttcccc actactgcag      120

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cacctccagg cctgttgcta tagagcctac ctgtatgtca ataaacaaca gctgaagcnn      180
nnnnnnnnnn nnnnnccccg ccccttaaaa acaatggggg gccgtttacc gaaaacccaa      240
actggaaaaa acccttgggtg gagttggacc acccccacc taaagggcgg ggaaaaaaag      300
gctttatttg aaaaattggg gaggttttg ttttaattgga acccataaaa gccggcaaaa      360
aacaggtaac caccaccatt ggctttcttt ttaggttcag ggg                                403

<210> 296
<211> 384
<212> DNA
<213> Homo sapiens

<400> 296
ggcacgagga gaacttcttg atcgggccca gctcggaggc cctcatccac ctgggcgccca      60
agttttcgcc ctgcatgcgc caggaccgcg aggtgcacag cttcattcgc tcggcgcgcg      120
agcgcgagaa gcactccgcc tgetgcgtgc gcaacgacag gtcgggctgc gtgcagacct      180
cggaggagga gtgctcgcta acaggaatta tgccgtcaaa ctctttcca cgctggcagt      240
gtgggtgaag tggcccatcc atcccagcgc cccagagctt gcgggccaca agagacagtt      300
tggctctgtc tgccaccagg atcccagggt gtgtgatgag ccctcctccg aagaccctca      360
tgagtggcca gaagacatca ccaa                                384

<210> 297
<211> 401
<212> DNA
<213> Homo sapiens

<400> 297
ggcacgagat taagtgaatt gcgttatatt tatgacctta aggaccagat acaggaggta      60
gaagggagat acatgcaggg gcttaaagaa ctaaaggaat ctttgtctga agtgaagaa      120
aaatacaaga aagccatggt ttccaatgca cagttagaca atgagaagaa caatttgatc      180
taccatgtag acacactcaa ggatgttatt gaagagcagg aggaacagat ggcagaattt      240
tatagagaaa atgaagaaaa atcaaaggag ttagaaaggc agaaacatat gtgtagtgtg      300
ctgcagcata agatggaaga acttaaagaa ggctgcggc aaagagatga gcttattgag      360
aaacatggct taagtataat ccccgatggc actcccaatg g                                401

<210> 298
<211> 430
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 298
aaatgggaga actctgaggt ncccaacgat tcgcattcgg cacgaggcca gctgctgggg      60
gagcggctct ggggactgga ggctggaagc ggggtggtgt tgtcccctgt ttacttttag      120
ctgagctggg gttgggtgta cgggttctgt tcctctgagc cctgcggccc acctgatgtt      180
tacgtgtgtg tgtgaggggg ggcgggnnac gntatanacc catcttatta tcaaattaca      240
aaatcccant aataggtatc tccatcaagc tgcangagga ggagagagaa atgagagaca      300
attatgttcc tgtgtgtcca gccttgatc aggagattat tgaagatgat tcttgcctta      360
aggagatgct gaagcttttg gactttgggg gtctgttcaa cttcatggt acttcaactt      420
cagctgggaa                                430

<210> 299
<211> 387
<212> DNA
<213> Homo sapiens

<400> 299

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ggcacgaggt ttcatacctt ctcagaattg gtatatcaag acacatttaa atataagccc      60
tctggaatg gatttatata cagtcacatc aattaccccc ttagaaattg gtaatatatt 120
atagccaggt ttaggttttag tgtcaagtat agtgattgct ggtctatcac tactcatgaa 180
gtggaacccc ctctactcat aaaaacccca atcagacata tagatgaata gaaccttgat 240
aacattagaa tgccttggtc tctgaaggct tacaagacta tacgtcagga tatattaagg 300
agaagctgag gaacgaaaga aacttcgaca agagaatgga aatgtacatg ctatagcata 360
actgaagaat aaaatacagg tttgagg                                     387

<210> 300
<211> 373
<212> DNA
<213> Homo sapiens

<400> 300
ggcacgagac tagtccgact ttttatgtgc tatgcaaaat agacatcttt aacatagtcc      60
tgttactatg gtaacacttt gctttctgaa ttggaaggga aaaaaatgta acgacagcat 120
tttaagggtt ccattggaac cagccacagt acatatgtaa ttctttccat caccocaacc 180
tctcctttct gtgcattcat gcaagagttt cttgtaagcc atcagaagtt acttttagga 240
tgaggagag gggcgagaag gggaaaaatg ggaaatagtc tgattttaat gaaatcaaat 300
gtatgtatca tcagttggct acgttttggc tctatgctaa actgtgaaaa atcagatgaa 360
ttgataaaag agt                                              373

<210> 301
<211> 369
<212> DNA
<213> Homo sapiens

<400> 301
ggcacgagac tagtccgact ttttatgtgc tatgcaaaat agacatcttt aacatagtcc      60
tgttactatg gtaacacttt gctttctgaa ttggaaggga aaaaaatgta gcgacagcat 120
tttaagggtt ccattggaac cagccacagt acatatgtaa ttctttccat caccocaacc 180
tctcctttct gtgcattcat gcaagagttt cttgtaagcc atcagaagtt acttttagga 240
tgaggagag gggcgagaag gggaaaaatg ggaaatagtc tgattttaat gaaatcaaat 300
gtatgtatca tcagttggct acgttttggc tctatgctaa actgtgaaaa atcagatgaa 360
ttgataaaa                                              369

<210> 302
<211> 399
<212> DNA
<213> Homo sapiens

<400> 302
ggcacgaggc agcagacacg gctgatgatg atcaaccatg accttcggca ccgggtcacg      60
gtggtggagg ccaggggaa agccctgacg gaacagaagg tggagctgga ggcagacctg 120
cagaccaagg agcaggagat gggcagcctg cgagcagagc tggggaagtt gcgagagagg 180
ctgcaggggg agcacagcca gaatggggag gaggagcctg agacggagcc ggtgggagag 240
gagagcatct ccgacgcaga gaaggtggcc atggatctca aggaccccaa ccgccccggg 300
ttcaccctgc aggagctgcg ggacgtgctg cacgagagga acgagctcaa gtccaagggtg 360
ttcttgctgc aggaggagct ggcttactat aagagtgag                                     399

<210> 303
<211> 391
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

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<400> 303
ggcacgagca cagcccctga ctgccgcagc cccacacagag cccgccgcgc accccacgtc - 60 -
ccccacgcca gcgcccagcc atggaggcca tcaagnnnnn nnnnnnnnnn nnnnnnnngg 120
acaaggagaa tgccatcgac cgcgcggagc aggcggaggc ggataagaaa gccgctgagg 180
acaagtgcaa gcaggtggag gaggagctga cgcacctcca gaagaaacta aaagggacag 240
aggacgagct ggataaatat tccgaggacc tgaaggacgc gcaggagaag ctggagctca 300
cggagaagaa ggctccgac gctgaagggtg atgtggccgc cctcaaccga cgcattccagc 360
tcgttgagga ggagttggac agggctcang a 391

```

```

<210> 304
<211> 418
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(418)
<223> n = A,T,C or G

```

```

<400> 304
ggcacgagtg ccgcagcccc cacagagccc gccgcgcacc ccacgtcccc cacgccagcg 60
cccagccatg gaggccatca agnnnnnnnn nnnnnnnnnn nnnnnngaca aggagaatgc 120
catcgaccgc gcggagcagg cggaggcgga taagaaagcc gctgaggaca agtgcaagca 180
ggtggaggag gagctgacgc acctccagaa gaaactaaaa gggacagagg acgagctgga 240
taaatattcc gaggacctga aggacgcgca ggagaagctg gagctcacgg agaagaaggc 300
ctccgacgct gaaggatgat tggccgccct caaccgacgc atccagctcg ttgaggagga 360
gttgacagcg gctcangaac gactggccac ggccctgcag aagctggagg aggcagaa 418

```

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<210> 305
<211> 420
<212> DNA
<213> Homo sapiens

```

```

<400> 305
ggcacgagga tttcggcaac aatttacaca gctggctgga ccagacatgg aggtgggtgc 60
cactgatctg atgaatatcc tcaacaaagt cctttctaag cacaaagatc ttaagactga 120
cggttttagt cttgacacct gccggagcat tgtgtctgtc atggacagtg acacgactgg 180
taagctgggc tttgaagaat ttaagtatct gtggaacaac atcaagaaat gccagtgtgt 240
ttataagcag tatgacaggg accattcttg gtctctggga agttctcagc tgcggggagc 300
tctgcaggcc gcaggcttcc agctaaatga acaactttac caaatgattg tccgccggta 360
tgctaataaa gatggagata tggattttaa caatttcac cagctgcttg tccgcctgga 420

```

```

<210> 306
<211> 399
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

```

```

<400> 306
ggcacgagcc acgtccccca cgccagcgcc cagccatgga ggccatcaag nnnnnnnnnn 60
nnnnnnnnnn nnnggacaag gagaatgcc aacgaccgcg ggagcaggcg gaggcgagata 120
agaaagccgc tgaggacaag tgcaagcagg tggaggagga gctgacgcac ctccagaaga 180
aactaaaagg gacagaggac gagctggata aatattccga ggacctgaag gacgcgcagg 240
agaagctgga gctcacggag aagaaggcct ccgacgctga aggtgatgtg gccgccctca 300
accgacgcat ccagctcggt gaggaggagt tggacagggc tcaggaacga ctggccacagc 360
ccctgcagaa gctggaggag gcagaanaag ctgcagatg 399

```

```

<210> 307
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(438)
<223> n = A,T,C or G

<400> 307
atcccatcga ttccaattcg gcacgagccc ccacagagcc cgcctgtcac cccacgtccc      60
ccacgccagc gccagcccat ggaggccatc aagnnnnnnn nnnnnnnnnn nnnnnnggac      120
aaggagaatg ccatcgaccg cgcggagcag gcggaggcgg ataagaaagc cgctgaggac      180
aagtgcagc aggtggagga ggagctgacg cacctccaga agaaactaaa agggacagag      240
gacgagctgg ataaatattc cgaggacctg aaggacgcgc aggagaagct ggagctcacg      300
gagaagaagg cctccgacgc tgaagggtgat gtggccgccc tcaaccgacg catccagctc      360
gttgaggagg agttggacag ggctcatgaa cgactgggca cggacctgca gaagctggag      420
gagggcagaa aaagctgc                                438

<210> 308
<211> 419
<212> DNA
<213> Homo sapiens

<400> 308
ggcacgagct ttggcctgcc cgctcctctc ctttctggcg acccgactct ggctacgcaa      60
cggggccccg gtcaatgcct gggcctactg ccacgtgcta cccactgggg acctgctgct      120
ggtgggcacc caacagctgg gggagtcca gtgctggta ctagaggagg gcttccagca      180
gctggtagcc agctactgcc cacagggtgt ggaggacggc gtggcagacc aaacagatga      240
gggtggcagt gtaccgtca ttatcagcac atcgcgtgtg agtgcaccac ctggtggcaa      300
ggccagctgg ggtgcagaca ggtcctactg gaaggagttc ctggtgatgt gcacgctctt      360
tgtgctggcc gtgctgctcc cagttttatt cttgctctac cggcaccgga acagcatgg      419

<210> 309
<211> 415
<212> DNA
<213> Homo sapiens

<400> 309
ggcacgaggg tgagccagag acgcccctcca ttctctcttc gcgcccgttc tccggctggc      60
ctcccgatgc gctgcccgcc ctgccaccat gacggaacag gccatctcct tcgacaaaga      120
cttcttggcc ggaggcatcg tcgccgtcat cttcaagacg gacgtggctc ctatcgagcg      180
ggtcaagctg ctgctgccgt ccagcacgcc agcaagcaga tcgcccgcca ctagcagtac      240
aagggcatcg tggactgcat tgtccgcata ccaaagagc atggagtgtc gtccttctgg      300
aagggcaacc ttgccaacgt caatcgctac ttcccactc aagccctcaa cttcgtcttc      360
aaggataatg acatgcagat cttactgggg ggcgtggaca aacacacgca ggtct      415

<210> 310
<211> 396
<212> DNA
<213> Homo sapiens

<400> 310
ggcacgagcg ggtcctgccg gtgccacatg gggtagcagg gcccgctgtg cactgactgc      60
atggacggct acttcagctc gctccggaac gagaccaca gcatctgcac agcctgtgac      120
gagtcctgca agacgtgctc gggcctgacc aacagagact gcggcgagtg tgaagtgggc      180
tgggtgctgg acgagggcgc ctgtgtggat gtggacgagt gtgcggccga gccgcctccc      240
tgacgcgctg cgcagttctg taagaacgcc aacggctcct acacgtgcga agagtgtgac      300

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tccagctgtg tgggctgcac aggggaaggc ccaggaaact gtaaagagtg tatctctggc 360
tacgcgaggg agcacggaca gtgtgcagat gtggac -396 -

<210> 311
<211> 394
<212> DNA
<213> Homo sapiens

<400> 311
ggcacgaggg ctctggggcc tacagctcat cctgggtcac tgcccctcac tgctcgtggt 60
catgcacgtg gcctaccgcg aggaacgcga gcgcaagcac cacctgaaac acgggcccac 120
tgcccctgcc ctgtacgaca acctgagcaa gaagcggggc ggactgtggt ggacgtactt 180
gctgagcctc atcttcaagg ccgcggtgga tgctggcttc ctctatatct tccaccgcct 240
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<210> 312
<211> 384
<212> DNA
<213> Homo sapiens

<400> 312
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ttatgacatg cccgcggtgg tggcctgctc cgtggagcct tgccccaca ctgtggactg 240
ttacatctcc cggcccacgg agaagaaggc cttcacctac ttcattggtga ccacagctgc 300
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gatcttcggc cccaggcacc ggcg 384

<210> 313
<211> 430
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 313
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gcgggcttgg tgcacggcta ccgggtagca ggcattgtgg acaagtataa cgagccgctg 180
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<210> 314
<211> 408
<212> DNA
<213> Homo sapiens

<400> 314
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<210> 315  
 <211> 412  
 <212> DNA  
 <213> homo sapiens

<400> 315						
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<210> 316  
 <211> 300  
 <212> DNA  
 <213> homo sapiens

<400> 316						
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<210> 317  
 <211> 2064  
 <212> DNA  
 <213> homo sapiens

<400> 317						
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<210> 318  
 <211> 1365  
 <212> DNA  
 <213> homo sapiens

<400> 318						
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<210> 319  
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 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> synthesized primer

<400> 319			
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<210> 320  
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<220>

<223> synthesized primer	
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